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Occupational projections are produced every two years and are published in July of even numbered years.

Occupations are classified using the Standard Occupational Classification (SOC) system. Major occupation groups are at the two digit SOC level, while detailed c

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Long-Term Occupational Projections for Southeast Region

Major Occupation Group Information

Occupation		2020	2030	2020	-2030		2020) Wages		Annual Openings			
		Estimated	Projected	Net	Percent								
SOC Code	Title	Employment	Employment	Change	Change	Entry	Mean	Median	Experienced	Exits	Transfers	Growth	Total
00-0000	Total, All Occupations	149,722	153,836	4,114	2.8%	\$23,247	\$40,598	\$32,239	\$48,394	6,889	10,150	411	17,450
11-0000	Management Occupations	8,161	8,440	279	3.4%	\$50,619	\$85,365	\$73,539	\$105,355	287	411	28	726
13-0000	Business and Financial Operations Occupations	5,089	5,368	279	5.5%	\$39,089	\$58,601	\$53,310	\$71,701	140	311	28	479
15-0000	Computer and Mathematical Occupations	1,299	1,407	108	8.3%	\$40,410	\$60,461	\$55,503	\$77,222	27	68	11	106
17-0000	Architecture and Engineering Occupations	1,042	1,138	96	9.2%	\$50,718	\$67,497	\$63,975	\$83,492	27	53	10	90
19-0000	Life, Physical, and Social Science Occupations	427	439	12	2.8%	\$44,390	\$62,992	\$56,987	\$75 <i>,</i> 745	10	29	1	40
21-0000	Community and Social Service Occupations	2,826	2,864	38	1.3%	\$32,674	\$40,749	\$38,288	\$47,023	88	180	4	272
23-0000	Legal Occupations	409	441	32	7.8%	\$32,819	\$94,100	\$59,759	\$133,461	12	17	3	32
25-0000	Education, Training, and Library Occupations	7,057	7,103	46	0.7%	\$30,483	\$43,900	\$41,709	\$51,501	264	311	5	580
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	1,433	1,486	53	3.7%	\$25,267	\$41,824	\$35,721	\$51,089	52	94	5	151
29-0000	Healthcare Practitioners and Technical Occupations	9,412	9,511	99	1.1%	\$38,538	\$66,982	\$53,248	\$74,938	249	295	10	554
31-0000	Healthcare Support Occupations	13,985	14,782	797	5.7%	\$21,501	\$27,540	\$23,880	\$26,812	889	844	80	1,813
33-0000	Protective Service Occupations	2,846	2,833	-13	-0.5%	\$28,204	\$39,065	\$32,881	\$44,314	123	172	-1	294
35-0000	Food Preparation and Serving Related Occupations	12,036	13,561	1,525	12.7%	\$19,864	\$23,977	\$20,739	\$24,825	930	1,281	152	2,363
37-0000	Building and Grounds Cleaning and Maintenance Occupations	4,537	4,682	145	3.2%	\$20,857	\$27,001	\$24,589	\$30,071	264	333	14	611
39-0000	Personal Care and Service Occupations	3,312	3,424	112	3.4%	\$20,240	\$28,143	\$22,730	\$31,505	201	250	11	462
41-0000	Sales and Related Occupations	13,883	13,733	-150	-1.1%	\$20,864	\$33,534	\$24,418	\$34,507	767	1,120	-15	1,872
43-0000	Office and Administrative Support Occupations	18,240	17,205	-1,035	-5.7%	\$25,243	\$34,724	\$31,297	\$39,764	847	1,063	-104	1,806
45-0000	Farming, Fishing, and Forestry Occupations	3,564	3,711	147	4.1%	\$25,150	\$32,864	\$30,070	\$37,867	152	413	15	580
47-0000	Construction and Extraction Occupations	5,640	5,881	241	4.3%	\$34,527	\$48,062	\$44,089	\$59,501	174	395	24	593
49-0000	Installation, Maintenance, and Repair Occupations	6,754	7,057	303	4.5%	\$31,419	\$45,133	\$40,921	\$56,934	212	438	30	680
51-0000	Production Occupations	13,906	13,936	30	0.2%	\$29,122	\$40,254	\$37,493	\$49,433	507	977	3	1,487
53-0000	Transportation and Material Moving Occupations	13,864	14,834	970	7.0%	\$22,696	\$35,246	\$29,999	\$40,721	667	1,094	97	1,858

Please see Notes tab for further explanation of data.

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Top Job Outlook by Now, Next, and Later Categories

Outlook defined by Career Grades which consider openings, growth rate, and wages

	NOW Top Job Outlook - Southeast NOW jobs typically require high school education or less and short-term training		
Grade	Occupation Title	Annual Openings	Average Annual Wage
B+	Home Health and Personal Care Aides	1,138	\$25,659
В	Fast Food and Counter Workers	687	\$22,667
В	Retail Salespersons	547	\$27,324
В	Stockers and Order Fillers	412	\$26,297
B+	Waiters and Waitresses	370	\$22,472
В	Office Clerks, General	357	\$30,782
В	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	265	\$26,118
В	Laborers and Freight, Stock, and Material Movers, Hand	248	\$31,078
В	Customer Service Representatives	174	\$31,549
В	Food Preparation Workers	165	\$21,374
В	Maids and Housekeeping Cleaners	164	\$22,398
B+	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	153	\$27,703
B+	Light Truck or Delivery Services Drivers	144	\$32,722
Α	Bartenders	143	\$25,640
B+	Construction Laborers	131	\$39,167
В	Landscaping and Groundskeeping Workers	115	\$27,783
B+	Driver/Sales Workers	107	\$26,691
В	Industrial Truck and Tractor Operators	94	\$34,550
В	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	85	\$22,642
В	Dishwashers	55	\$21,679

NEXT Top Job Outlook - Southeast NEXT jobs typically require moderate/long-term training or experience or education beyond high school					
Grade	Occupation Title	Annual Openings	Average Annual Wage		
В	Nursing Assistants	418	\$28,403		
B+	Heavy and Tractor-Trailer Truck Drivers	367	\$51,987		
Α	Cooks, Restaurant	284	\$23,124		
В	Maintenance and Repair Workers, General	153	\$37,838		
В	Bookkeeping, Accounting, and Auditing Clerks	140	\$35,721		
В	First-Line Supervisors of Retail Sales Workers	130	\$38,689		
B+	First-Line Supervisors of Production and Operating Workers	109	\$54,656		
В	Hairdressers, Hairstylists, and Cosmetologists	102	\$26,629		
Α	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	102	\$30,095		
В	Automotive Service Technicians and Mechanics	101	\$37,421		
B+	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	98	\$59,448		
В	Welders, Cutters, Solderers, and Brazers	98	\$40,633		
В	Packaging and Filling Machine Operators and Tenders	91	\$40,125		
Α	Insurance Sales Agents	71	\$69,727		
B+	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	70	\$50,618		
В	Police and Sheriff's Patrol Officers	68	\$45,284		
В	Electricians	59	\$54,965		
В	Bus and Truck Mechanics and Diesel Engine Specialists	58	\$42,548		
B+	Industrial Machinery Mechanics	57	\$48,456		
В	Molders, Shapers, and Casters, Except Metal and Plastic	57	\$42,919		

	LATER Top Job Outlook - Southeast		
	LATER jobs typically require a Bachelor's degree or higher education		
Grade	Occupation Title	Annual	Average Annual
Grade	Occupation Title	Openings	Wage

A General and Operations Managers 239	\$78 <i>,</i> 342
B+ Registered Nurses 175	\$60,719
A Accountants and Auditors 130	\$52,832
B Secondary School Teachers, Except Special and Career/Technical Education 110	\$44,822
B+ Market Research Analysts and Marketing Specialists 67	\$50,246
B Elementary School Teachers, Except Special Education 64	\$49,104
B Middle School Teachers, Except Special and Career/Technical Education 53	\$45,473
B Human Resources Specialists 47	\$49,508
B Project Management Specialists and Business Operations Specialists, All Other 47	\$71,019
A+ Medical and Health Services Managers 34	\$112,232
B Substitute Teachers, Short-Term 29	n/a
B Coaches and Scouts 23	\$37,098
B+ Securities, Commodities, and Financial Services Sales Agents 22	n/a
B+ Management Analysts 21	\$87,997
B Loan Officers 21	\$61,294
A Software Developers and Software Quality Assurance Analysts and Testers 19	\$84,739
B+ Industrial Engineers 19	\$76,392
A+ Nurse Practitioners 19	\$100,553
A Financial Managers 18	\$114,984
B Education Administrators, Elementary and Secondary School 18	\$80,168

Source: 2020-2030 Long-Term Occupational Projections, Missouri Economic Research and Information Center Please see Notes tab for additional details

Landscaping and Groundskeeping Workers

Top Job Openings by Now, Next, and Later Categories

Openings based on job growth as well as replacement needs due to exits or transfers

NOW Top Job Openings - Southeast NOW jobs typically require high school education or less and short-term training					
Grade	Occupation Title	Annual Openings	Average Annual Wage		
B+	Home Health and Personal Care Aides	1,138	\$25,659		
C+	Cashiers	714	\$22,848		
В	Fast Food and Counter Workers	687	\$22,667		
В	Retail Salespersons	547	\$27,324		
В	Stockers and Order Fillers	412	\$26,297		
B+	Waiters and Waitresses	370	\$22,472		
В	Office Clerks, General	357	\$30,782		
В	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	265	\$26,118		
C+	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	258	\$32,163		
В	Laborers and Freight, Stock, and Material Movers, Hand	248	\$31,078		
В	Customer Service Representatives	174	\$31,549		
В	Food Preparation Workers	165	\$21,374		
В	Maids and Housekeeping Cleaners	164	\$22,398		
B+	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	153	\$27,703		
B+	Light Truck or Delivery Services Drivers	144	\$32,722		
Α	Bartenders	143	\$25,640		
C+	Cooks, Institution and Cafeteria	134	\$23,708		
C+	Cooks, Fast Food	133	\$21,618		
B+	Construction Laborers	131	\$39,167		

\$27,783

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	NEXT Top Job Openings - Southeast NEXT jobs typically require moderate/long-term training or experience or education beyond high school					
Grade	Occupation Title	Annual Openings	Average Annual Wage			
В	Nursing Assistants	418	\$28,403			
B+	Heavy and Tractor-Trailer Truck Drivers	367	\$51,987			
A	Cooks, Restaurant	284	\$23,124			
В	Maintenance and Repair Workers, General	153	\$37,838			
В	Bookkeeping, Accounting, and Auditing Clerks	140	\$35,721			
В	First-Line Supervisors of Retail Sales Workers	130	\$38,689			
B+	First-Line Supervisors of Production and Operating Workers	109	\$54,656			
C	Miscellaneous Assemblers and Fabricators	108	\$33,742			
C+	Teaching Assistants, Except Postsecondary	104	\$24,068			
В	Hairdressers, Hairstylists, and Cosmetologists	102	\$26,629			
Α	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	102	\$30,095			
В	Automotive Service Technicians and Mechanics	101	\$37,421			
B+	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	98	\$59,448			
В	Welders, Cutters, Solderers, and Brazers	98	\$40,633			
C+	Licensed Practical and Licensed Vocational Nurses	94	\$37,302			
В	Packaging and Filling Machine Operators and Tenders	91	\$40,125			
C+	First-Line Supervisors of Office and Administrative Support Workers	89	\$50,722			
C+	Inspectors, Testers, Sorters, Samplers, and Weighers	74	\$42,387			
Α	Insurance Sales Agents	71	\$69,727			
B+	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	70	\$50,618			

	LATER Top Job Openings - Southeast		
	LATER jobs typically require a Bachelor's degree or higher education		
Grade	Occupation Title	Annual	Average
Grade	Occupation Title	Openings	Annual Wage
Α	General and Operations Managers	239	\$78,342

B+	Registered Nurses	175	\$60,719
Α	Accountants and Auditors	130	\$52,832
В	Secondary School Teachers, Except Special and Career/Technical Education	110	\$44,822
B+	Market Research Analysts and Marketing Specialists	67	\$50,246
В	Elementary School Teachers, Except Special Education	64	\$49,104
В	Middle School Teachers, Except Special and Career/Technical Education	53	\$45,473
C+	Child, Family, and School Social Workers	52	\$36,668
В	Human Resources Specialists	47	\$49,508
В	Project Management Specialists and Business Operations Specialists, All Other	47	\$71,019
A+	Medical and Health Services Managers	34	\$112,232
C+	Healthcare Social Workers	33	\$48,705
C+	Educational, Guidance, School, and Vocational Counselors	32	\$51,380
C+	Rehabilitation Counselors	30	\$34,975
В	Substitute Teachers, Short-Term	29	n/a
C+	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	24	\$39,273
В	Coaches and Scouts	23	\$37,098
B+	Securities, Commodities, and Financial Services Sales Agents	22	n/a
С	Buyers and Purchasing Agents	21	\$46,424
B+	Management Analysts	21	\$87,997

Source: 2020-2030 Long-Term Occupational Projections, Missouri Economic Research and Information Center Please see Notes tab for additional details

Fastest Growing Occupations by Now, Next, and Later Categories

Fastest growth defined by percent growth from base year to projected year

NOW Fastest Growing Occupations - Southeast NOW jobs typically require high school education or less and short-term training					
Grade	Occupation Title	Percent Growth	Annual Openings	Average Annual Wage	
Α	Bartenders	25.2%	143	\$25,640	
В	Veterinary Assistants and Laboratory Animal Caretakers	23.2%	11	\$28,446	
В	Machine Feeders and Offbearers	20.9%	18	\$28,685	
B+	Driver/Sales Workers	15.9%	107	\$26,691	
В	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	14.8%	85	\$22,642	
B+	Waiters and Waitresses	14.0%	370	\$22,472	
В	Dishwashers	13.7%	55	\$21,679	
B+	Light Truck or Delivery Services Drivers	12.7%	144	\$32,722	
C+	School Bus Monitors and Protective Service Workers, All Other	11.5%	24	\$31,877	
B+	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	11.1%	153	\$27,703	
В	Industrial Truck and Tractor Operators	10.1%	94	\$34,550	
В	Fast Food and Counter Workers	9.4%	687	\$22,667	
B+	Home Health and Personal Care Aides	8.4%	1,138	\$25,659	
С	Amusement and Recreation Attendants	8.4%	27	\$21,804	
C+	Refuse and Recyclable Material Collectors	7.3%	26	\$33,289	
B+	Construction Laborers	7.2%	131	\$39,167	
В	Stockers and Order Fillers	6.5%	412	\$26,297	
C+	Cleaners of Vehicles and Equipment	6.4%	48	\$27,282	
C+	Food Servers, Nonrestaurant	5.7%	50	\$23,939	
В	Maids and Housekeeping Cleaners	5.1%	164	\$22,398	

	NEXT Fastest Growing Occupations - Southeast NEXT jobs typically require moderate/long-term training or experience or education beyond high school						
Grade	Occupation Title	Percent Growth	Annual Openings	Average Annual Wage			
Α	Cooks, Restaurant	43.0%	284	\$23,124			
A	Occupational Therapy Assistants	31.3%	14	\$61,017			
Α	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	28.7%	102	\$30,095			
B+	Physical Therapist Assistants	27.0%	36	\$51,731			
В	Architectural and Civil Drafters	25.6%	6	\$51,776			
B+	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	23.2%	39	\$36,597			
В	Fitness Trainers and Aerobics Instructors	22.8%	32	\$30,063			
B+	Industrial Machinery Mechanics	22.2%	57	\$48,456			
В	Self-Enrichment Education Teachers	22.1%	17	\$32,824			
Α	Insurance Sales Agents	21.7%	71	\$69,727			
В	Insurance Claims and Policy Processing Clerks	16.4%	34	\$40,602			
В	Industrial Engineering Technicians	16.2%	13	\$50,075			
B+	Mobile Heavy Equipment Mechanics, Except Engines	14.8%	29	\$55,875			
C+	Umpires, Referees, and Other Sports Officials	13.8%	13	\$30,963			
C+	Mechanical Door Repairers	12.9%	3	\$36,093			
В	Respiratory Therapists	12.0%	11	\$51,448			
В	Excavating and Loading Machine and Dragline Operators, Surface Mining	11.2%	24	\$45,475			
В	Earth Drillers, Except Oil and Gas; and Explosives Workers, Ordnance Handling Experts, and Blasters	9.4%	15	\$44,650			
C+	Installation, Maintenance, and Repair Workers, All Other	9.2%	24	\$40,655			
В	Molders, Shapers, and Casters, Except Metal and Plastic	9.0%	57	\$42,919			

	LATER Fastest Growing Occupations - Southeast LATER jobs typically require a Bachelor's degree or higher education			
Grade	Occupation Title	Percent Growth	Annual Openings	Average Annual Wage
B+	Logisticians	45.5%	7	\$61,949
A+	Nurse Practitioners	36.5%	19	\$100,553
Α	Veterinarians	22.5%	3	\$85,636
Α	Software Developers and Software Quality Assurance Analysts and Testers	21.4%	19	\$84,739
B+	Market Research Analysts and Marketing Specialists	21.2%	67	\$50,246
B+	Web Developers and Digital Interface Designers	21.1%	13	\$66,066
A+	Medical and Health Services Managers	20.3%	34	\$112,232
Α	Physician Assistants	20.0%	2	\$101,850
В	Meeting, Convention, and Event Planners	19.0%	11	\$39,714

Α	Speech-Language Pathologists	18.3%	13	\$71,756
B+	Financial Examiners	16.7%	6	\$68,303
Α	Financial Managers	14.0%	18	\$114,984
В	Coaches and Scouts	13.7%	23	\$37,098
B+	Mechanical Engineers	11.4%	8	\$70,420
B+	Management Analysts	11.2%	21	\$87,997
B+	Physical Therapists	10.4%	14	\$87,400
B+	Occupational Therapists	9.2%	8	\$76,135
B+	Industrial Engineers	9.0%	19	\$76,392
B+	Construction Managers	8.7%	16	\$84,357
B+	Electronics Engineers, Except Computer	8.1%	7	\$94,749

Source: 2020-2030 Long-Term Occupational Projections, Missouri Economic Research and Information Center Please see Notes tab for additional details

All Occupation Information Occupation	2020 Estimated	•	2020-2030 Net Percer	nt) Wages		Annual Openir	gs		ucation, Experience, and Tra		Applied Math Work	rkkeys Assessment Lev place Documents	Graphic Liter	STEM CORE
Grade N_N_L SOC Code Title 00-0000 Total, All Occupations 11-0000 Management Occupations	149,722 8,161		Change Change 4,114 2.8% 279 3.4%	\$23,247 \$40,598	Median Experience \$32,239 \$48,394 \$73,539 \$105,355		ansfers Grov 10,150 41 411 28	1 17,450	Typical Education Required	Typical Experience Require	d Typical Job Training	Minimum Median Mini	mum Median	Minimum [Median or Related
B LATER 11-1011 Chief Executives A LATER 11-1021 General and Operations Managers C LATER 11-1021 Legislators A LATER 11-2021 Marketing Managers A LATER 11-2022 Sales Managers B LATER 11-2030 Public Relations and Fundraising Managers B LATER 11-3010 Administrative Services and Facilities Managers A LATER 11-3021 Computer and Information Systems Managers A LATER 11-3051 Financial Managers B LATER 11-3051 Industrial Production Managers B LATER 11-3061 Purchasing Managers B NEXT 11-3071 Transportation, Storage, and Distribution Managers C LATER 11-3111 Compensation and Benefits Managers B LATER 11-3121 Human Resources Managers B LATER 11-3131 Training and Development Managers B LATER 11-9013 Farmers, Ranchers, and Other Agricultural Managers C LATER 11-9021 Construction Managers C LATER 11-9031 Education Administrators, Preschool and Childcare Center/Progratal LATER 11-9032 Education Administrators, Elementary and Secondary School LATER 11-9041 Architectural and Engineering Managers B LATER 11-9031 Education Administrators, All Other B LATER 11-9041 Architectural and Engineering Managers C NEXT 11-9051 Food Service Managers A LATER 11-9011 Gaming Managers A LATER 11-9011 Medical and Health Services Managers C NEXT 11-9011 Natural Sciences Managers C NEXT 11-9111 Medical and Health Services Managers C NEXT 11-9111 Property, Real Estate, and Community Association Managers C LATER 11-9151 Social and Community Service Managers C LATER 11-9151 Social and Community Service Managers C LATER 11-9151 Social and Community Service Managers	n/a 2,648 n/a n/a 82 n/a 198 109 207 175 n/a 73 n/a 49 n/a n/a 185	n/a 2,804 n/a n/a 88 n/a 210 117 236 186 n/a 78 n/a 52 n/a 201 n/a 266 50 n/a 53 94 n/a n/a 392 n/a n/a 212 174 n/a	n/a	\$71,939 \$130,593 \$45,114 \$78,342 \$19,673 \$30,373 \$87,810 \$113,745 \$76,386 \$120,809 n/a n/a \$66,069 \$91,381 \$81,601 \$107,730 \$77,852 \$114,984 \$61,527 \$94,240 n/a n/a \$70,203 \$93,110 n/a \$79,855 \$108,582 n/a n/a \$79,855 \$108,582 n/a n/a \$64,945 \$84,357 n/a n/a \$67,323 \$80,168 \$68,186 \$111,866 n/a n/a \$92,447 \$113,400 \$23,813 \$50,054 n/a n/a \$43,822 \$58,335 \$77,949 \$112,232 n/a n/a \$36,299 \$62,226	\$102,576 \$165,397 \$63,644 \$97,126 \$19,838 \$28,801 \$102,804 \$132,733 \$109,875 \$145,231 n/a n/a \$87,009 \$106,090 \$105,450 \$127,937 \$103,837 \$137,647 \$85,598 \$118,151 n/a n/a \$86,140 \$114,597 n/a \$106,702 \$132,020 n/a n/a \$106,702 \$132,020 n/a n/a \$83,419 \$109,573 n/a \$76,817 \$92,156 \$89,132 \$131,842 n/a n/a	n/a 54 n/a 1 2 n/a 6 2 4 4 n/a 1 n/a 1 n/a 1 3 n/a 1 3 n/a 8 5 n/a	n/a	a n/a 239 n/a n/a 8 n/a 17 9 18 13 n/a 5 a n/a 4 a n/a 16 a n/a 18 3 a n/a 4 11 a n/a a n/a 17 14 1	Bachelor's degree High school diploma or equivalent Bachelor's degree	5 years or more 5 years or more Less than 5 years 5 years or more Less than 5 years 5 years or more Less than 5 years 5 years or more 6 years or more Less than 5 years 5 years or more Less than 5 years	None None None None None None None None	4 5 3 5 7 7 7 4 4 4 4 5 3 5 5 5 4 5 3 4 4 4 5 3 4 4 4 6 4 5 3 4 4 4 6 4 5 3 5 3 5 3 5 3 5 3 7 7 7 3 3 3 4 7 7 3 3 3 4 3 5 3 4 4 3 4 3 4 3 4 3 4 3 4 3	5 6 6 3 5 4 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4 4 4 5 4 4 4 4 4 5 4 4 5 4 4 5 4 4 4 5 4 4 4 4 5 4 4 4 4 5 4 4 5 4 5 4 6 4 6	5
13-0000 Business and Financial Operations Occupations B LATER 13-1011 Agents and Business Managers of Artists, Performers, and Athlete C LATER 13-1020 Buyers and Purchasing Agents C NEXT 13-1031 Claims Adjusters, Examiners, and Investigators B LATER 13-1041 Compliance Officers C+ LATER 13-1051 Cost Estimators B LATER 13-1071 Human Resources Specialists n/a NEXT 13-1075 Labor Relations Specialists D LATER 13-1075 Labor Relations Specialists B+ LATER 13-1111 Management Analysts B+ LATER 13-1111 Management Analysts B LATER 13-1121 Meeting, Convention, and Event Planners C LATER 13-1131 Fundraisers B LATER 13-1141 Compensation, Benefits, and Job Analysis Specialists C+ LATER 13-1151 Training and Development Specialists B+ LATER 13-1161 Market Research Analysts and Marketing Specialists B+ LATER 13-1161 Market Research Analysts and Marketing Specialists B+ LATER 13-2011 Accountants and Auditors C+ LATER 13-2020 Property Appraisers and Assessors C+ LATER 13-2031 Budget Analysts C+ LATER 13-2040 Credit Analysts B+ LATER 13-2052 Personal Financial Advisors B+ LATER 13-2053 Insurance Underwriters B+ LATER 13-2051 Financial Examiners C LATER 13-2071 Credit Counselors B+ LATER 13-2071 Tax Examiners C LATER 13-2071 Tax Examiners C LATER 13-2072 Loan Officers C LATER 13-2085 Financial and Investment Analysts, Financial Risk Specialists, and Financial and Investment Analysts, Financial Risk Specialists, and Financial Risk Specialists, and Financial Risk Specialists, and Financial Risk Specialists, and Financial Ri	5,089 n/a 240 80 217 182 480 n/a 108 44 197 79 53 n/a 173 523 sts 633 1,326 97 n/a n/a 53 n/a 60 n/a 278 n/a 47	5,368 n/a 222 72 219 181 498 n/a 93 64 219 94 52 n/a 176 634 640 1,426 102 n/a n/a 55 n/a 70 n/a 278 n/a 50 142	-1 -1.2% 279 5.5% n/a n/a -18 -7.5% -8 -10.0% 2 0.9% -1 -0.6% 18 3.8% n/a n/a -15 -13.9% 20 45.5% 22 11.2% 15 19.0% -1 -1.9% n/a 3 1.7% 111 21.2% 7 1.1% 100 7.5% 5 5.2% n/a n/a n/a n/a 2 3.8% n/a n/a 10 16.7% n/a 0 0.0% n/a 3 6.4% 6 4.4%	\$39,089 \$58,601 n/a n/a \$36,410 \$46,424 6 \$38,638 \$59,907 \$51,401 \$67,489 6 \$46,076 \$68,121 \$35,972 \$49,508 n/a n/a n/a 6 \$47,647 \$61,949 6 \$54,034 \$87,997 6 \$23,176 \$39,714 6 \$42,417 \$49,894 n/a n/a \$41,781 \$57,057 6 \$35,838 \$50,246 \$48,181 \$71,019 \$39,774 \$52,832 \$32,238 \$51,483 n/a n/a n/a \$63,198 \$94,138 n/a n/a \$48,288 \$68,303 n/a n/a \$38,957 \$61,294 \$39,607 \$48,113 \$19,672 \$35,602	\$76,345 \$109,182 \$53,310	2 140 n/a 8 2 5 13 n/a 3 1 7 3 2 n/a 5 14 15 38 4 n/a n/a 1 n/a 2 n/a 6 n/a 3 2	4 0 311 28 n/a n/ 15 -2 4 -1 12 0 11 0 32 2 n/a n/ 7 -2 4 2 12 2 6 2 3 0 n/a n/ 11 0 42 1 31 1 82 1 4 0 n/a n/ n/a n/ n/a n/ 3 0 n/a n/ 3 1 n/a n/ 15 0 n/a n/ 3 0 n/a n/ 3 1 n/a n/ 3 0 n/a n/ 3 1	a n/a 21 5 17 16 47 16 47 11 5 a n/a 16 1 67 47 130 8 a n/a a n/a 4 a n/a 6 a n/a 21	Bachelor's degree Bachelor's degree High school diploma or equivalent Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree No formal educational credential Bachelor's degree	Less than 5 years None None None None None Less than 5 years Less than 5 years Less than 5 years None Less than 5 years None Less than 5 years None None None None None None None None	None None Moderate-term on-the-job training Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training None Short-term on-the-job training None None None None None None None None	3 4 4 5 5 5 3 3 3 3 3 3 3 4 4 4 3 4 4 4 3 4 4 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 5 5	5 3 4 4 4 4 4 4 4 4 4 4 5 5 4 4 5 4 4 5 4 4 5 4 4 5 4 5 4 5 6 6 7 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9	3 3 4 3 3 3 5 4 4 4 4 4 4 4 4 4 4 4 4 4	4 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
15-0000 Computer and Mathematical Occupations B LATER 15-1211 Computer Systems Analysts A LATER 15-1212 Information Security Analysts C NEXT 15-1231 Computer Vers Vupport Specialists B+ LATER 15-1241 Computer Network Support Specialists B+ LATER 15-1241 Computer Network Architects B LATER 15-1241 Computer Network Architects B LATER 15-1245 Database Administrators and Architects D LATER 15-1251 Computer Programmers A LATER 15-1252 Computer Programmers A LATER 15-1257 Web Developers and Digital Interface Designers C+ LATER 15-1259 Computer Occupations, All Other A LATER 15-209 Computer Occupations, All Other A LATER 15-209 Data Scientists and Mathematical Science Occupations, All Other 17-0000 Architecture and Engineering Occupations C+ LATER 17-1011 Architects, Except Landscape and Naval B+ LATER 17-1021 Cardographers and Photogrammetrists C LATER 17-1022 Surveyors B LATER 17-2021 Agricultural Engineers B LATER 17-2021 Agricultural Engineers B LATER 17-2021 Electrical Engineers B LATER 17-2021 Electronics Engineers B LATER 17-2021 Electronics Engineers B LATER 17-2021 Electronics Engineers B LATER 17-2021 Industrial Engineers B LATER 17-2011 Meathand Safety Engineers B LATER 17-2011 Motoral Engineers B LATER 17-2011 Motoral Engineers B LATER 17-2011 Industrial Engineers B LATER 17-2011 Motoral Engineers B LATER 17-2111 Minterials Engineers B LATER 17-2112 Industrial Engineers B LATER 17-2113 Materials Engineers B LATER 17-2114 Mechanical Engineers B LATER 17-2115 Minterials Engineers B LATER 17-2110 Industrial Engineers B LATER 17-2111 Minterials Engineers B LATER 17-2112 Industrial Engineers B LATER 17-2113 Materials Engineers B LATER 17-2114 Mechanical Engineers B LATER 17-2115 Minterials Engineers B LATER 17-2109 Porfaters, All Other C+ NEXT 17-3012 Electrical and Electronics Drafters B NEXT 17-3025 Environmental Engineering Technicians B NEXT 17-3026 En	1,299 58 n/a 139 379 n/a 129 82 n/a 192 128 76 n/a n/a n/a n/a n/a n/a 115 n/a 38 86 n/a ln: n/a 255 n/a 114 rs n/a n/a n/a n/a n/a 115 n/a 38 36 n/a 111 n/a 37	1,407 60 n/a 141 378 n/a 132 81 n/a 233 155 78 n/a n/a n/a n/a n/a 124 n/a 39 93 n/a n/a 127 n/a n/a n/a 127 n/a n/a 129 n/a 38 n/a	108 8.3%	\$40,410 \$60,461 \$49,066 \$70,680 n/a n/a \$33,233 \$42,694 \$31,480 \$45,175 n/a n/a \$55,552 \$72,416 \$54,078 \$67,904 n/a n/a \$57,931 \$84,739 \$43,950 \$66,066 \$51,213 \$61,937 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a \$23,103 \$41,719 n/a n/a n/a n/a \$51,964 \$67,247 n/a n/a \$51,964 \$67,247 n/a n/a \$51,880 \$81,867 \$86,069 \$94,749 n/a n/a \$59,806 \$76,392 n/a n/a \$59,806 \$76,392 n/a n/a \$58,497 \$70,420 n/a n/a \$58,497 \$70,420 n/a n/a \$1,200 n/a n/a \$1,200 n/a n/a \$1,200 n/a n/a \$1,200 n/a n/a n/a n/a	\$55,503 \$77,222 \$71,027 \$86,943 n/a n/a \$41,515 \$49,527 \$42,525 \$57,275 n/a n/a \$67,083 \$83,992 \$70,819 \$79,199 n/a n/a \$82,172 \$105,421 \$59,592 \$91,730 \$60,764 \$73,823 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a s30,668 \$59,071 n/a n/a n/a n/a n/a n/a s430,668 \$59,071 n/a n/a n/a n/a s77,610 \$105,450 \$93,488 \$101,792 n/a n/a \$77,610 \$105,450 \$93,488 \$101,792 n/a n/a \$74,820 \$92,065 n/a n/a \$74,820 \$92,065 n/a n/a \$51,126 \$62,683 n/a n/a n/a n/a s51,126 \$62,683 n/a n/a n/a n/a s49,816 \$60,123 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a s49,816 \$60,123 n/a n/a n/a n/a n/a n/a n/a n/a n/	27 1 n/a 3 7 n/a 2 n/a 5 3 2 n/a n/a n/a n/a n/a 2 n/a n/a 2 n/a n/a 2 n/a n/a n/a 2 n/a n/a n/a 1 2 n/a	68 13 3 0 n/a n/ 7 0 20 0 n/a n/ 6 0 4 0 n/a n/ 10 4 7 3 4 0 n/a n/ n/a n/a n/ n/a n/ n/a n/a n/a n/ n/a n/a n/a n/a n/ n/a	10 27 a	Bachelor's degree Associate degree Some college, no degree Bachelor's degree Associate degree	None Less than 5 years None None S years or more None None None None None None None Non	None None None None None None None None	3 5 4 5 5 5 3 4 4 4 3 5 5 5 4 6 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	3 4 6 4 5 3 4 5 4 4 5 6 8 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	3 6 4 3 5 3 5 4 6 6 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4 Core 6 Core 4 Core 5 Core 5 Core 6 Core 6 Core 7 Core 7 Core 6 Core 6 Related 6 Related 6 Related 6 Core 7 Core 7 Core 7 Core 6 Core 7 Core 7 Core 7 Core 8 Core 9 Core
B LATER 19-1012 Food Scientists and Technologists C+ LATER 19-1013 Soil and Plant Scientists C LATER 19-1023 Zoologists and Wildlife Biologists F LATER 19-1029 Biological Scientists, All Other C LATER 19-1031 Conservation Scientists C LATER 19-1032 Foresters B LATER 19-1032 Physicists B LATER 19-2012 Physicists B LATER 19-2012 Physicists B+ LATER 19-2041 Environmental Scientists and Specialists, Including Health LATER 19-2042 Geoscientists, Except Hydrologists and Geographers n/a LATER 19-2099 Physical Scientists, All Other B LATER 19-3091 Clinical, Counseling, and School Psychologists B LATER 19-3031 Clinical, Counseling, and School Psychologists C LATER 19-3051 Urban and Regional Planners C LATER 19-3093 Social Scientists and Related Workers, All Other C LATER 19-3093 Social Scientists and Related Workers, All Other C LATER 19-4031 Biological Technicians C LATER 19-4031 Chemical Technicians C LATER 19-4042 Environmental Science and Protection Technicians, Including Heal B NEXT 19-4045 Geological and Hydrologic Technicians D NEXT 19-4045 Forest and Conservation Technicians NEXT 19-4095 Forest and Conservation Technicians D NEXT 19-4096 Forest and Conservation Technicians A NEXT 19-4099 Life, Physical, and Social Science Technicians C LATER 19-4099 Life, Physical, and Social Science Technicians A NEXT 19-4099 Life, Physical, and Social Science Technicians C NEXT 19-5010 Occupational Health and Safety Specialists C LATER 21-1012 Educational, Guidance, School, and Vocational Counselors	n/a n/a n/a n/a n/a n/a 2,826 330	439 n/a n/a n/a n/a n/a n/a n/a n/	12 2.8% n/a n/a n/a n	n/a s50,336 \$67,946 n/a n/a \$40,749 \$42,223 \$51,380	\$56,987 n/a n/a n/a n/a n/a n/a n/a n/	10 n/a	29	n/a	Bachelor's degree Master's degree Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree Bachelor's degree Master's degree Master's degree Master's degree Master's degree Bachelor's degree Bachelor's degree Associate degree Associate degree Associate degree Associate degree Bachelor's degree Associate degree Bachelor's degree Bachelor's degree Associate degree Bachelor's degree	None None None None None None None None	None None None None None None None None	5 5 5 5 5 6 5 6 4 5 6 7 6 7 5 6 6 6 5 6 6 6 5 6 6 6 6 6 6 6 6 6 3 4 3 5 3 4 3 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 4 4	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5 5 5 5 5 5 5 6 6 6 5 5 3 4 3 4 5 4 4 3 3 4 4 3 3 4 4	6
C LATER 21-1013 Marriage and Family Therapists C+ LATER 21-1015 Rehabilitation Counselors C+ LATER 21-1012 Substance Abuse, Behavioral Disorder, and Mental Health Counse C+ LATER 21-1021 Child, Family, and School Social Workers C+ LATER 21-1022 Healthcare Social Workers C LATER 21-1029 Mental Health and Substance Abuse Social Workers C+ LATER 21-1029 Social Workers, All Other C LATER 21-1091 Health Educators C LATER 21-1092 Probation Officers and Correctional Treatment Specialists C NEXT 21-1094 Community Health Workers C LATER 21-1099 Community Health Workers C LATER 21-2099 Community and Social Service Specialists, All Other C+ LATER 21-2091 Clergy C LATER 21-2011 Clergy Religious Workers, All Other 23-0000 Legal Occupations B+ LATER 23-1011 Lawyers C LATER 23-1012 Administrative Law Judges, Adjudicators, and Hearing Officers C+ LATER 23-1021 Administrative Law Judges, Adjudicators, and Hearing Officers C+ LATER 23-1022 Arbitrators, Mediators, and Conciliators C LATER 23-1023 Paralegals and Legal Assistants C NEXT 23-2031 Paralegals and Legal Assistants C NEXT 23-2039 Title Examiners, Abstractors, and Searchers C+ NEXT 23-2093 Title Examiners, Abstractors, and Searchers C+ NEXT 23-2093 Education, Training, and Library Occupations B+ LATER 25-1021 Computer Science Teachers, Postsecondary C LATER 25-1022 Mathematical Science Teachers, Postsecondary C LATER 25-1044 Agricultural Science Teachers, Postsecondary C+ LATER 25-1052 Chemistry Teachers, Postsecondary C+ LATER 25-1053 Environmental Science Teachers, Postsecondary C+ LATER 25-1054 Political Science Teachers, Postsecondary C+ LATER 25-1055 Chemistry Teachers, Postsecondary C+ LATER 25-1065 Political Science Teachers, Postsecondary C+ LATER 25-1069 Social Science Teachers, Postseco	n/a 300 232 567 369 184 n/a 33 242 284 106 80 n/a n/a 409 203 n/a n/a n/a 35 n/a 82 n/a 7,057 77 n/a 34 n/a	n/a 319 249 566 365 181 n/a 33 243 282 111 81 n/a n/a n/a n/a n/a 87 n/a 87 n/a 7,103 77 n/a 33 n/a	n/a	\$31,575 \$34,975 \$31,080 \$39,273 \$30,235 \$36,668 \$36,121 \$48,705 \$47,693 \$65,368 \$36,217 \$41,391 \$33,718 \$36,801 \$26,760 \$32,763 \$25,827 \$32,358 \$36,110 \$41,982 \$45,170 \$53,287 n/a n/a n/a n/a n/a n/a \$118,209 \$150,614 \$22,530 \$29,663 \$28,984 \$33,991 n/a n/a \$118,209 \$150,614 \$22,530 \$29,663 \$28,984 \$33,991 n/a n/a \$40,298 \$53,832 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	\$39,002 \$47,410 \$35,797 \$41,309 \$46,252 \$60,249 \$39,439 \$49,080 \$72,536 \$82,141 \$40,816 \$47,168 \$37,340 \$40,108 \$32,708 \$37,588 \$29,629 \$36,967 \$42,356 \$48,356 \$49,526 \$58,666 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a 10 8 16 10 5 n/a 1 5 11 4 3 n/a n/a 1 n/a 3 n/a 2 n/a n/a 2 n/a	n/a n/ 18 2 14 2 36 0 23 0 12 0 n/a n/ 2 0 15 0 21 0 8 0 6 0 n/a n/ n/a n/<	30 24 52 33 17 a	Master's degree Bachelor's degree Bachelor's degree Bachelor's degree Master's degree Master's degree Bachelor's degree Doctoral or professional degree Doctoral or professional degree Doctoral or professional degree Associate degree High school diploma or equivalent Associate degree Doctoral or professional degree	None None None None None None None None	Internship/residency None None None Internship/residency Internship/residency None None Short-term on-the-job training Short-term on-the-job training None Moderate-term on-the-job training None None None Short-term on-the-job training None None None None None Moderate-term on-the-job training None None Moderate-term on-the-job training None None None None None None None Non	3 3 3 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 5 5 5 5 5 5 3 4 4 4 5 5 6 7 5 5 6 7 7 7 7 7 7 7 7 7 6 6 6 6	4 3 5 5 5 3 4 3 4 4 3 4 4 4 4 5 4 4 5 7 7 7 7 7 7 7 7 7 7 7 7	3 3 3 3 3 3 4 3 4 4 3 4 4 3 5 5 5 5 5 5	4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 6 6 Core 7 Core 6 Core 7 Core 7 Core 7 Core 8 Core 8 Core 9 Core 9 Core 1 Cor

C+ LATER 25-1121 Art, Drama, and Music Teachers, Postsecondary C LATER 25-1122 Communications Teachers, Postsecondary C LATER 25-1123 English Language and Literature Teachers, Postsecondary C LATER 25-1124 Foreign Language and Literature Teachers, Postsecondary C LATER 25-1125 History Teachers, Postsecondary D LATER 25-1126 History Teachers, Postsecondary C+ LATER 25-1192 Home Economics Teachers, Postsecondary C LATER 25-1194 Vocational Education Teachers, Postsecondary C LATER 25-1199 Postsecondary Teachers, Postsecondary C LATER 25-1190 Postsecondary Teachers, Postsecondary C NEXT 25-2011 Preschool Teachers, Except Special Education C NEXT 25-2012 Elementary School Teachers, Except Special Education B LATER 25-2021 Elementary School Teachers, Except Special and Career/Technical Education B LATER 25-2021 Elementary School Teachers, Except Special and Career/Technical Education C+ LATER 25-2032 Career/Technical Education Teachers, Preschool C LATER 25-2053 Special Education Teachers, Preschool C+ LATER 25-2051 Special Education Teachers, Preschool C+ LATER 25-2052 Special Education Teachers, Middle School C+ LATER 25-2058 Special Education Teachers, Middle School C+ LATER 25-2059 Special Education Teachers, All Other D LATER 25-3011 Adult Basic and Secondary Education and Literacy Teachers and Inst B NEXT 25-3021 Self-Enrichment Education Teachers C+ LATER 25-3031 Substitute Teachers Short-Term C+ LATER 25-3031 Substitute Teachers All Other, Except Substitute Teachers C+ LATER 25-3031 Substitute Teachers, Short-Term C+ LATER 25-4011 Archivists C+ LATER 25-4012 Curators C+ LATER 25-4011 Instructional Coordinators C+ LATER 25-4031 Library Technicians C+ LATER 25-4031 Library Technicians C+ LATER 25-9045 Teaching Assistants, Postsecondary C+ NEXT 25-9045 Teaching Assistants, Except Postsecondary C+ NEXT 25-9045 Teaching Assistants, Except Postsecondary C+ NEXT 25-9045 Teaching Assistants, Except Postsecondary	n/a	n/a	n/a n/a n/a Doctoral or proference of a n/a n/a Associate of a n/a n/a Associate of a n/a n/a Bachelor's of a n/a n/a Master's of a n/a n/a Master's of a n/a n/a Bachelor's of a n/a n/a n/a Bachelor's of a n/a n/a n/a Bachelor's of a	sssional degree None degree Less than 5 years sssional degree None	None 5 None 5 None 5 None 5 None 5 None 4 None 3 None 3 <td< th=""><th>5 5 7 5 5 7 5 5 7 5 5 7 6 7 6 6 7 7 6 7 8 6 7 8 7 8 4 8 4 5 8 4 5 8 4 5 8 4 5 8 4 5 8 4 5 8 4 4 9 4 4 10 4 4 10 4 4 10 4 4 11 4 4 12 4 4 13 4 4 14 4 4 15 4 4 16 4 4 17 4 4 18 4 4 18 4 4</th><th>7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5</th><th>6 6 6 6 6 6 6 6 6 6 6 5 5 5 5 5 5 5 5 5</th></td<>	5 5 7 5 5 7 5 5 7 5 5 7 6 7 6 6 7 7 6 7 8 6 7 8 7 8 4 8 4 5 8 4 5 8 4 5 8 4 5 8 4 5 8 4 5 8 4 4 9 4 4 10 4 4 10 4 4 10 4 4 11 4 4 12 4 4 13 4 4 14 4 4 15 4 4 16 4 4 17 4 4 18 4 4 18 4 4	7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5	6 6 6 6 6 6 6 6 6 6 6 5 5 5 5 5 5 5 5 5
B+ LATER 27-1012 Art Directors C NEXT 27-1012 Craft Artists B LATER 27-1014 Multimedia Artists and Animators C LATER 27-1021 Commercial and Industrial Designers D NEXT 27-1023 Floral Designers C+ LATER 27-1025 Interior Designers C LATER 27-1026 Graphic Designers C LATER 27-1027 Interior Designers C NEXT 27-1027 Merchandise Displayers and Window Trimmers D LATER 27-1029 Designers, All Other B LATER 27-2012 Producers and Directors B NEXT 27-2021 Athletes and Sports Competitors B LATER 27-2022 Coaches and Scouts C+ NEXT 27-2023 Umpires, Referees, and Other Sports Officials C LATER 27-2041 Music Directors and Composers A NEXT 27-2042 Musicians and Singers B NOW 27-2090 Miscellaneous Entertainers and Performers, Sports and Related Wo C LATER 27-3011 Radio and Television Announcers D LATER 27-3021 News Analysts, Reporters, and Journalists C+ LATER 27-3041 Editors C+ LATER 27-3041 Editors C+ LATER 27-3042 Technical Writers C+ LATER 27-3043 Writers and Authors C+ LATER 27-3092 Media and Communication Workers, All Other B NEXT 27-4042 Media and Communication Workers, All Other B NEXT 27-3099 Media and Communication Workers, All Other B NEXT 27-3099 Media and Communication Workers, All Other B NEXT 27-4012 Broadcast Technicians C+ NEXT 27-4012 Broadcast Technicians C+ NEXT 27-4013 Film and Video Equipment Technicians C+ NEXT 27-4012 Film and Video Equipment Technicians C+ NEXT 27-4021 Film and Video Editors	n/a	n/a	n/a n/a n/a No formal educate n/a n/a n/a No formal educate n/a n/a n/a Bachelor's n/a n/a Bachelor's n/a n/a High school diplon n/a n/a Bachelor's n/a n/a n/a Bachelor's n/a n/a No formal educate n/a n/a n/a Bachelor's n/a n/a High school diplon n/a n/a No formal educate n/a n/a n/a Bachelor's n/a n/a Bachelor's n/a n/a Bachelor's n/a n/a Bachelor's n/a n/a High school diplon n/a n/a High school diplon n/a n/a n/a Bachelor's n/a n/a n/a Bachelor's n/a n/a n/a Bachelor's n/a n/a n/a Bachelor's n/a n/a High school diplon n/a n/a n/a Bachelor's n/a n/a Bachelor's n/a n/a Bachelor's n/a n/a n/a n/a Bachelor's n/a n/a n/a n/a Bach	ional credential io degree io degree in a or equivalent io degree io a or equivalent io degree io degree io a or equivalent io degree io de	None Long-term on-the-job training None None None Moderate-term on-the-job training None None Short-term on-the-job training None None Long-term on-the-job training None Long-term on-the-job training None Long-term on-the-job training None Short-term on-the-job training None None None None None None None None	3 4 4 4 4 3 3 4 3 3 3 3 4 3 3 3 4 3 4 3 3 4 4 3 3 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 4 4 4	5 5 3 5 4 4 5 5 4 4 5 5 4 4 4 4 4 3 4 3 4 3 4 3 4 3 4 3 5 3 5 3 5 3 5 3 5 3 4	5 5 4 5 4 4 6 4 4 4 4 4 4 4 4 4 4 4 4 4
B LATER 29-1021 Chiropractors B LATER 29-1021 Dentists, General B LATER 29-1024 Prostbudontists C+ LATER 29-1031 Dietists, General B LATER 29-1024 Prostbudontists C+ LATER 29-1031 Dietists Dietitians and Nutritionists B LATER 29-1051 Pharmacists A LATER 29-1051 Pharmacists A LATER 29-1071 Physician Assistants B LATER 29-1072 Physician Assistants B LATER 29-1122 Ocupational Therapists B+ LATER 29-1122 Ocupational Therapists B+ LATER 29-1123 Physical Therapists B NEXT 29-1124 Rediction Therapists B NEXT 29-1125 Recreational Therapists B NEXT 29-1126 Respiratory Therapists A LATER 29-1127 Speech-Language Pathologists C+ LATER 29-1178 Exceise Physiologists A LATER 29-1181 Registered Nurses B LATER 29-1181 Nurse Anesthetists B LATER 29-1151 Nurse Anesthetists B LATER 29-1151 Nurse Anesthetists B LATER 29-1181 Nurse Practitioners B LATER 29-1181 Audiologists B LATER 29-1181 Audiologists B LATER 29-1181 Audiologists C+ LATER 29-1181 Audiologists B LATER 29-1216 Reneal Internal Medicine Physicians C+ LATER 29-1216 Surgeons, Except Ophthalmologists, Except Pediatric C+ LATER 29-1226 General Internal Medicine Physicians C+ LATER 29-1216 Surgeons, Except Ophthalmologists Except Pediatric C+ LATER 29-1228 Physiolans C- LATER 29-129 Collicial Laboratory Technologists and Technicians C+ NEXT 29-2031 Cardiovascular Technologists and Technicians C+ NEXT 29-2031 Cardiovascular Technologists and Technicians C+ NEXT 29-2031 Magnetic Resonance Imaging Technologists C+ NEXT 29-2031 Magnetic Resonance Imaging Technologists C- NEXT 29-2035 Magnetic Resonance Imaging Technologists C- NEX	9,412 9,511 n/a 116 111 n/a 118 118 53 51 378 370 30 36 n/a n/a 120 131 250 276 n/a n/a 184 206 153 181 n/a n/a 40 49 3,486 3,441 69 70 n/a n/a n/a n	99 1.1% \$38,538 \$66,982 \$53,248 \$74,938 249 29 n/a		Assional degree None Assional degree Assiona	None Internship/residency Internship/residency None None None None Internship/residency None None None None None Internship/residency None None None None None None None None	6 6 7 6 6 7 6 6 7 6 6 7 6 6 7 6 6 6 7 7 4 4 6 8 4 4 6 8 4 4 6 8 5 6 8 6 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	7 6 6 7 6 7 6 6 7 6 6 7 6 6 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7 7 6 7	7 Related 5 Related 6 Related 6 Related 7 Related
B NEXT 29-2092 Hearing Aid Specialists C NEXT 29-2098 Medical Dosimetrists, Medical Records Specialists, and Health Techr C+ LATER 29-9091 Athletic Trainers C NEXT 29-9098 Health Information Technologists, Medical Registrars, Surgical Assist 31-0000 Healthcare Support Occupations B+ NOW 31-1120 Home Health and Personal Care Aides B NEXT 31-1131 Nursing Assistants C NOW 31-1132 Orderlies C NOW 31-1133 Psychiatric Aides A NEXT 31-2011 Occupational Therapy Assistants C NEXT 31-2012 Occupational Therapy Aides B+ NEXT 31-2012 Physical Therapist Assistants C NOW 31-2022 Physical Therapist Aides C NEXT 31-9011 Massage Therapists C NEXT 31-9091 Dental Assistants C NEXT 31-9091 Medical Equipment Preparers F NEXT 31-9094 Medical Transcriptionists D NOW 31-9095 Pharmacy Aides C NEXT 31-9096 Veterinary Assistants and Laboratory Animal Caretakers C NEXT 31-9097 Phlebotomists D NEXT 31-9099 Healthcare Support Workers, All Other	n/a	n/a n/a <td>n/a n/a High school diplon n/a n/a n/a Bachelor's n/a n/a n/a Postsecondary no n/a n/a n/a Postsecondary no n/a n/a n/a Postsecondary no n/a n/a n/a High school diplon n/a n/a n/a High school diplon n/a n/a Postsecondary no n/a n/a Postsecondary no n/a High school diplon n/a n/a Postsecondary no n/a n/a High school diplon n/a n/a Postsecondary no n/a N/a n/a Postsecondary no n/a N/a n/a Postsecondary no n/a n/a Postsecondary no n/a n/a Postsecondary no n/a N/a n/a Postsecondary no n/a n/a Postsecondary no n/a n/a Postsecondary no n/a Postsecondary no n/a N</td> <td>na or equivalent n-degree award None na or equivalent n-degree award None na or equivalent n-degree na or equivalent n-degree award na or equivalent na or equivalent</td> <td>Moderate-term on-the-job training None None None Short-term on-the-job training None None None None Short-term on-the-job training None None Short-term on-the-job training None None None</td> <td>4 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 3 3 3 3 3 4 3 3 4 3 3 3 4 3 3 4 3 3 4 4 3 3 4 4 3 3 4 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 4 4 3</td> <td>4 3 4 4 4 4 3 4 4 4 4 3 4 4 4 4 3 4</td> <td>4 Related 4 Related 4 Related 4 Related 4 Related 4 Related 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4</td>	n/a n/a High school diplon n/a n/a n/a Bachelor's n/a n/a n/a Postsecondary no n/a n/a n/a Postsecondary no n/a n/a n/a Postsecondary no n/a n/a n/a High school diplon n/a n/a n/a High school diplon n/a n/a Postsecondary no n/a n/a Postsecondary no n/a High school diplon n/a n/a Postsecondary no n/a n/a High school diplon n/a n/a Postsecondary no n/a N/a n/a Postsecondary no n/a N/a n/a Postsecondary no n/a n/a Postsecondary no n/a n/a Postsecondary no n/a N/a n/a Postsecondary no n/a n/a Postsecondary no n/a n/a Postsecondary no n/a Postsecondary no n/a N	na or equivalent n-degree award None na or equivalent n-degree award None na or equivalent n-degree na or equivalent n-degree award na or equivalent	Moderate-term on-the-job training None None None Short-term on-the-job training None None None None Short-term on-the-job training None None Short-term on-the-job training None None None	4 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 3 3 3 3 3 4 3 3 4 3 3 3 4 3 3 4 3 3 4 4 3 3 4 4 3 3 4 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 4 4 3	4 3 4 4 4 4 3 4 4 4 4 3 4 4 4 4 3 4	4 Related 4 Related 4 Related 4 Related 4 Related 4 Related 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
33-0000 Protective Service Occupations C NEXT 33-1011 First-Line Supervisors of Correctional Officers B NEXT 33-1012 First-Line Supervisors of Police and Detectives C+ NEXT 33-1021 First-Line Supervisors of Fire Fighting and Prevention Workers C+ NEXT 33-1090 Miscellaneous First-Line Supervisors, Protective Service Workers C NEXT 33-2011 Firefighters B NEXT 33-2021 Fire Inspectors and Investigators C NEXT 33-3011 Bailiffs C NEXT 33-3012 Correctional Officers and Jailers C NEXT 33-3021 Detectives and Criminal Investigators C+ LATER 33-3031 Fish and Game Wardens C NOW 33-3041 Parking Enforcement Workers B NEXT 33-3051 Police and Sheriff's Patrol Officers n/a NEXT 33-3052 Transit and Railroad Police C NEXT 33-9011 Animal Control Workers B NEXT 33-9011 Animal Control Workers C+ NEXT 33-9031 Gaming Surveillance Officers and Gaming Investigators C+ NOW 33-9092 Lifeguards, Ski Patrol, and Other Recreational Protective Service Wo D NOW 33-9098 School Bus Monitors and Protective Service Workers, All Other	2,846 2,833 n/a n/a 149 151 78 80 n/a n/a n/a <td< td=""><td>-13</td><td>72 -1 294 7a n/a n/a High school diplon 75 0 9 High school diplon 75 Postsecondary no 76 n/a n/a High school diplon 76 n/a n/a Postsecondary no 76 n/a n/a Postsecondary no 76 n/a n/a High school diplon 76 n/a n/a High school diplon</td><td>na or equivalent na or equivalent None na or equivalent None None</td><td>None Moderate-term on-the-job training Moderate-term on-the-job training None Long-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training</td><td>3 3 3 4 4 4 5 4 3 5 3 4 3 3 3</td><td>5 3 5 5 5 4 5 3 4 3 4 4 4 3 4 4 4 3 3 3 4 3 4 4 4 4 4</td><td>3 4 4 4 4 4 3 4 4 4 4 4 4 4 4 4 4 4 4</td></td<>	-13	72 -1 294 7a n/a n/a High school diplon 75 0 9 High school diplon 75 Postsecondary no 76 n/a n/a High school diplon 76 n/a n/a Postsecondary no 76 n/a n/a Postsecondary no 76 n/a n/a High school diplon	na or equivalent None na or equivalent None None	None Moderate-term on-the-job training Moderate-term on-the-job training None Long-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training	3 3 3 4 4 4 5 4 3 5 3 4 3 3 3	5 3 5 5 5 4 5 3 4 3 4 4 4 3 4 4 4 3 3 3 4 3 4 4 4 4 4	3 4 4 4 4 4 3 4 4 4 4 4 4 4 4 4 4 4 4
B+ NEXT 35-1011 Chefs and Head Cooks B+ NEXT 35-1012 First-Line Supervisors of Food Preparation and Serving Workers C+ NOW 35-2011 Cooks, Fast Food C+ NOW 35-2012 Cooks, Institution and Cafeteria C NEXT 35-2013 Cooks, Private Household A NEXT 35-2014 Cooks, Restaurant C NOW 35-2015 Cooks, Short Order B NEXT 35-2019 Cooks, All Other B NOW 35-2021 Food Preparation Workers A NOW 35-3021 Bartenders B NOW 35-3023 Fast Food and Counter Workers B+ NOW 35-3031 Waiters and Waitresses C+ NOW 35-3041 Food Servers, Nonrestaurant B NOW 35-9021 Dishwashers B NOW 35-9021 Dishwashers B NOW 35-9031 Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop C+ NOW 35-9099 Food Preparation and Serving Related Workers, All Other	12,036 13,561 n/a n/a n/a n/a 968 928 989 936 n/a n/a 1,299 1,858 155 162 n/a n/a 923 967 676 846 3,101 3,392 1,678 1,913 298 315 n/a n/a 299 340 324 372 n/a n/a	1,525 12.7% \$19,864 \$23,977 \$20,739 \$24,825 930 1,28 n/a n/a \$67,359 \$68,028 \$73,478 \$79,631 n/a n/a n/a n/a \$24,471 \$34,137 \$29,840 \$41,168 n/a n/a -40 -4.1% \$19,786 \$21,618 \$19,943 \$22,491 56 81 -53 -5.4% \$19,870 \$23,708 \$21,690 \$26,147 57 82 n/a n/a n/a n/a n/a n/a n/a n/a 10a n/a n/a n/a n/a n/a n/a n/a 10a n/a n/a n/a n/a n/a n/a n/a 10a 1,24 \$21,374 \$19,943 \$22,491 56 81 56 81 10a 1,4 1,4 1,4 1,4 1,4 1,4 1,4 1,4 1,4 1,4	n/a n/a High school diplon n/a n/a No formal educat n/a n/a Postsecondary no n/a Postsecondary no n/a No formal educat n/a No formal educat	na or equivalent None ional credential None in-degree award Less than 5 years ional credential None	None None Short-term on-the-job training Short-term on-the-job training None Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training	3 3 4 4 3 3 3	4 3 5 4 3 3 4 4 3 3 3 3 3 3 3 3 3 3 3 3	4 4 3 4 4 4 3 4 6 3 4 6 3 4 3 4 4 4 4
C+ NEXT 37-1011 First-Line Supervisors of Housekeeping and Janitorial Workers C NEXT 37-1012 First-Line Supervisors of Landscaping, Lawn Service, and Groundskee B NOW 37-2011 Janitors and Cleaners, Except Maids and Housekeeping Cleaners B NOW 37-2012 Maids and Housekeeping Cleaners C+ NEXT 37-2021 Pest Control Workers B NOW 37-3011 Landscaping and Groundskeeping Workers C NEXT 37-3012 Pesticide Handlers, Sprayers, and Applicators, Vegetation B+ NOW 37-3013 Tree Trimmers and Pruners C+ NOW 37-3019 Grounds Maintenance Workers, All Other 39-0000 Personal Care and Service Occupations B NEXT 39-1013 First-Line Supervisors of Gambling Services Workers C+ NEXT 39-2011 Animal Trainers B NOW 39-2021 Nonfarm Animal Caretakers C NOW 39-3011 Gaming Dealers C NOW 39-3012 Gaming and Sports Book Writers and Runners C+ NOW 39-3031 Ushers, Lobby Attendants, and Ticket Takers	4,537 4,682 356 361 80 79 1,955 1,990 1,164 1,223 77 82 840 879 n/a n/a	145 3.2% \$20,857 \$27,001 \$24,589 \$30,071 264 33 5 1.4% \$29,919 \$37,901 \$37,587 \$45,835 15 25 -1 -1.3% \$35,539 \$48,187 \$47,086 \$53,969 2 6 35 1.8% \$21,646 \$26,118 \$24,632 \$29,135 123 13 59 5.1% \$20,010 \$22,398 \$20,635 \$23,546 81 77 5 6.5% \$27,499 \$40,100 \$34,279 \$44,113 2 8 39 4.6% \$22,690 \$27,783 \$27,608 \$31,226 37 74 n/a n/a \$33,834 \$38,849 \$37,656 \$41,588 n/a n/a n/a n/a n/a n/a n/a n/a n/a 112 3.4% \$20,240 \$28,143 \$22,730 \$31,505 201 25 n/a n/a n/a<	40 High school diplom 50 0 8 High school diplom 60 0 8 High school diplom 61 164 No formal educate 61 164 No formal educate 62 0 10 High school diplom 63 0 10 High school diplom 64 4 115 No formal educate 65 11 A62 66 11 A62 67 10 High school diplom 68 11 A62 69 11 A63 69 11 A64 69 11 A65 60 11 A66 60 11	na or equivalent ional credential ional credential na or equivalent ional credential na or equivalent None na or equivalent None None	None Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training None None None Moderate-term on-the-job training Short-term on-the-job training	3 4 3 5 5 5 8 3 3 8 3 3 8 3 3 8 3 3 8 8 8 8 4 3 8 3 3	4 3 5 4 3 3 3 3 4 3 3 3 3 3 3 3 3 3 3 3	4 4 3 3 4 4 4 4 4 4 4 4 4 4 3 3 3 3

C NOW 39-3091 Amusement and Recreation Attendants C NOW 39-3093 Locker Room, Coatroom, and Dressing Room Attendants C NEXT 39-4011 Embalmers D NOW 39-4021 Funeral Attendants C NEXT 39-4031 Morticians, Undertakers, and Funeral Directors	119 129 n/a n/a n/a n/a 97 90 n/a n/a	n/a n/a -7	8.4% \$19,826 \$21,804 \$20,109 \$20,842 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a -7.2% \$26,396 \$29,628 \$29,112 \$31,928 n/a \$34,552 \$58,481 \$46,854 \$92,889	12 14 n/a n/a n/a n/a 5 7 n/a n/a	1 27 n/a n/a n/a n/a -1 11 n/a n/a	Associate degree High school diploma or equivalent	None None None None None	Short-term on-the-job training Short-term on-the-job training Long-term on-the-job training Short-term on-the-job training Long-term on-the-job training	3 3 3 5 5 5 3 3 5 5 5	4 3 6 3	4 3 6 3	3 3 4 3	3 3 4 3
B NEXT 39-5012 Hairdressers, Hairstylists, and Cosmetologists B NEXT 39-5092 Manicurists and Pedicurists C NEXT 39-5094 Skincare Specialists C NEXT 39-6012 Concierges B NEXT 39-7010 Tour and Travel Guides C NOW 39-9011 Childcare Workers B NEXT 39-9031 Fitness Trainers and Aerobics Instructors C+ NEXT 39-9032 Recreation Workers	n/a	62 n/a n/a n/a n/a n/a n/a	7.2% \$20,267 \$26,629 \$20,923 \$29,154 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a \$19,763 \$21,585 \$19,870 \$21,431 n/a \$20,016 \$23,752 \$20,935 \$23,945 22.8% \$22,619 \$30,063 \$28,190 \$34,420 2.5% \$21,290 \$32,276 \$29,540 \$37,812	n/a	n/a	Postsecondary non-degree award Postsecondary non-degree award Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent	None None None None None None None None	None None None Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training	3 3 3 3 3 4 4 4 3 3 3 3 4 4 3 3	3 3 3 4 5 4 4	3 3 3 4 5 4 4	3 3 3 4 4 3 4	4 3 4 4 4 3 4
C NEXT 39-9041 Residential Advisors C NOW 39-9098 Crematory Operators and Personal Care and Service Workers, All Of 41-0000 Sales and Related Occupations B NEXT 41-1011 First-Line Supervisors of Retail Sales Workers C+ NEXT 41-1012 First-Line Supervisors of Non-Retail Sales Workers C+ NOW 41-2011 Cashiers	157 169 n/a n/a 13,883 13,7 1,378 1,28 224 21 4,201 3,96	8 n/a 33 -150 5 -93 7 -7 1 -240	5.1% \$23,228 \$31,949 \$30,459 \$38,333 n/a n/a n/a n/a n/a n/a n/a n/a n/a -1.1% \$20,864 \$33,534 \$24,418 \$34,507 -6.8% \$28,630 \$38,689 \$34,615 \$45,497 -3.1% \$40,534 \$64,966 \$62,643 \$78,264 -5.7% \$20,133 \$22,848 \$21,551 \$24,316	8 14 n/a n/a 767 1,120 47 92 6 13 347 391 n/a	-9 130 -1 18 -24 714	High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent No formal educational credential	None None Less than 5 years Less than 5 years None	Short-term on-the-job training Short-term on-the-job training None None Short-term on-the-job training Short-term on-the-job training	3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 3 4 4 3	3 4 4 5 3	3 3 4 4 3	3 4 4 4 3
C NOW 41-2012 Gaming Change Persons and Booth Cashiers C NOW 41-2021 Counter and Rental Clerks C+ NEXT 41-2022 Parts Salespersons B NOW 41-2031 Retail Salespersons C NEXT 41-3011 Advertising Sales Agents A NEXT 41-3021 Insurance Sales Agents B+ LATER 41-3031 Securities, Commodities, and Financial Services Sales Agents C NEXT 41-3041 Travel Agents	n/a n/a n/a n/a 384 399 3,923 3,92 n/a n/a 582 700 224 241 n/a n/a	n/a 15 4 21 n/a 126	n/a n/a n/a n/a n/a n/a n/a \$23,048 \$35,016 \$31,541 \$44,454 3.9% \$23,478 \$32,722 \$30,262 \$39,174 0.5% \$20,669 \$27,324 \$23,300 \$28,043 n/a \$23,842 \$41,594 \$35,651 \$51,174 21.7% \$41,073 \$69,727 \$51,358 \$69,937 7.6% n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a 16 30 220 325 n/a n/a 22 36 5 15 n/a n/a	n/a n/a n/a n/a 2 48 2 547 n/a n/a 13 71 2 22 n/a n/a	No formal educational credential No formal educational credential No formal educational credential	None None None None None None None	Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training	4 4 4 3 3 3 3 3 3 3 4 4 4 4 4	3 3 3 3 5 4	3 3 4 4 5 4	3 4 4 3 3 5 4	4 4 4 4 5 4
B+ NEXT 41-3091 Sales Representatives of Services, Except Advertising, Insurance, Fin B LATER 41-4011 Sales Representatives, Wholesale and Manufacturing, Technical and B+ NEXT 41-4012 Sales Representatives, Wholesale and Manufacturing, Except Techn C NEXT 41-9021 Real Estate Brokers C+ NEXT 41-9022 Real Estate Sales Agents B LATER 41-9031 Sales Engineers D NOW 41-9041 Telemarketers	560 604 126 139 966 1,00 n/a n/a 290 300 n/a n/a n/a n/a	44 5 9 0 34 1 n/a 0 10	7.9% \$33,827 \$50,618 \$45,273 \$54,677 7.1% \$36,895 \$71,284 \$67,091 \$98,846 3.5% \$33,476 \$59,448 \$52,968 \$73,532 n/a n/a n/a n/a n/a n/a 3.5% \$33,374 \$42,132 \$38,364 \$45,645 n/a n/a n/a n/a n/a n/a n/a \$21,180 \$23,717 \$22,627 \$24,069	15 51 4 9 29 66 n/a n/a 12 13 n/a n/a n/a n/a	11/a 4 70 1 14 3 98 n/a n/a 1 26 n/a n/a n/a	High school diploma or equivalent Bachelor's degree High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent	None None None None Less than 5 years None None None	Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training None Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training	3 5 3 4 3 5 3 4 3 4 6 6 3 3	4 4 3 3 3 4 3	5 4 5 5 5 4 4	4 4 4 3 3 4 3	4 4 4 4 4 4 4
D NOW 41-9099 Sales and Related Workers, All Other 43-0000 Office and Administrative Support Occupations C+ NEXT 43-1011 First-Line Supervisors of Office and Administrative Support Workers F NOW 43-2011 Switchboard Operators, Including Answering Service D NEXT 43-3011 Bill and Account Collectors C NEXT 43-3021 Billing and Posting Clerks B NEXT 43-3031 Bookkeeping, Accounting, and Auditing Clerks	n/a n/a 18,240 17,2 1,017 943 n/a n/a 60 56 395 380 1,393 1,30	05 - 1,03 3 -74 1 n/a -4 0 -15	n/a n/a n/a n/a n/a n/a 5 -5.7% \$25,243 \$34,724 \$31,297 \$39,764 -7.3% \$35,167 \$50,722 \$44,690 \$60,560 n/a n/a n/a n/a n/a -6.7% \$29,990 \$36,205 \$36,306 \$41,274 -3.8% \$27,012 \$34,582 \$32,282 \$39,624 -6.1% \$25,366 \$35,721 \$33,625 \$41,489	n/a n/a 847 1,063 36 60 n/a n/a 2 4 16 24 79 69	n/a n/a -104 1,80 -7 89 n/a n/a 0 6 -2 38 -8 140	High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent	None Less than 5 years None None None None None	None None Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training	3 3 4 3 3 3 4 4 3 4	3 4 4 3	3 4 4 4 4	3 3 4 3	4 4 4 4
C NOW 43-3041 Gaming Cage Workers D NEXT 43-3051 Payroll and Timekeeping Clerks C NEXT 43-3061 Procurement Clerks D NOW 43-3071 Tellers C+ NEXT 43-4011 Brokerage Clerks C+ NOW 43-4021 Correspondence Clerks C+ NEXT 43-4031 Court, Municipal, and License Clerks	n/a n/a 190 155 n/a n/a 669 553 37 37 n/a n/a 271 27	n/a -35 n/a -116 0 n/a	n/a n/a n/a n/a n/a -18.4% \$28,954 \$37,749 \$33,787 \$43,101 n/a n/a n/a n/a n/a	n/a n/a 8 9 n/a n/a 25 38 2 2 n/a n/a 13 14	n/a n/a -4 13 n/a n/a -12 51 0 4 n/a n/a	High school diploma or equivalent High school diploma or equivalent	None None None None None None None None	Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Long-term on-the-job training	4 4 4 4 3 3 3 3 3 4 3 3 3 3 3 3 3 3 3 3	3 3 4 3 4 4	3 4 4 4 4 4	3 4 3 3 4 4	3 4 3 4 4 4
C NEXT 43-4051 Court, Multicipal, and Elderse Cierks B NOW 43-4051 Customer Service Representatives C NEXT 43-4061 Eligibility Interviewers, Government Programs D NOW 43-4071 File Clerks B NOW 43-4081 Hotel, Motel, and Resort Desk Clerks D NEXT 43-4111 Interviewers, Except Eligibility and Loan D NOW 43-4121 Library Assistants, Clerical	n/a n/a 1,331 1,36 162 163 n/a n/a n/a n/a n/a n/a n/a n/a	n/a 9 38 3 1 n n/a n/a n/a	n/a n/a n/a n/a n/a n/a 2.9% \$24,328 \$31,549 \$29,824 \$36,931 0.6% \$27,980 \$31,514 \$30,596 \$32,612 n/a \$22,886 \$29,778 \$28,059 \$32,745 n/a \$20,722 \$23,565 \$22,830 \$24,924 n/a n/a n/a n/a n/a n/a \$19,711 \$24,072 \$22,958 \$27,198	n/a n/a 64 106 6 8 n/a	n/a n/a 4 174 0 14 n/a n/a n/a n/a n/a n/a	High school diploma or equivalent	None None None None None None None None	Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training	3 4 4 3 4 4 4 3 3 3 3 3 3 3 3	3 3 3 3 3	4 4 5 3 4 4	3 3 4 3 3 3	4 4 4 4 4 4 3
C NEXT 43-4131 Loan Interviewers and Clerks D NEXT 43-4141 New Accounts Clerks D NEXT 43-4151 Order Clerks D NEXT 43-4161 Human Resources Assistants, Except Payroll and Timekeeping C NOW 43-4171 Receptionists and Information Clerks C NOW 43-4181 Reservation and Transportation Ticket Agents and Travel Clerks C NOW 43-4199 Information and Record Clerks, All Other	445 42° 445 42° 153 120 60 48 79 68 709 674 n/a n/a 57 57	-18 -27 -12 -11 -35	-4.0% \$25,085 \$31,942 \$30,385 \$37,796 -17.7% \$26,729 \$31,594 \$30,581 \$36,053 -20.0% \$26,984 \$36,103 \$31,644 \$43,899 -13.9% \$30,783 \$36,422 \$36,335 \$40,734	13 26 4 9 2 3 3 4 39 48 n/a n/a 2 4	-2 37 -3 10 -1 4 -1 6 -4 83 n/a n/a 0 6	High school diploma or equivalent High school diploma or equivalent Some college, no degree Associate degree High school diploma or equivalent	None None None None None None None None	Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training None Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training	3 3 4 3 4 3 3 4 4 3 3 3	4 4 3 3 3 4 4	4 4 4 4 4 4	4 3 3 3 3 4 4	4 4 4 4 4 4
B+ NOW 43-5011 Cargo and Freight Agents D NOW 43-5021 Couriers and Messengers C NEXT 43-5031 Police, Fire, and Ambulance Dispatchers C+ NEXT 43-5032 Dispatchers, Except Police, Fire, and Ambulance D NOW 43-5041 Meter Readers, Utilities C NOW 43-5051 Postal Service Clerks C NOW 43-5052 Postal Service Mail Carriers	n/a n/a n/a n/a 160 164 253 263 n/a n/a 128 110 396 358	n/a 4 4 2 9 n n/a	n/a 2.5% \$25,265 \$33,617 \$31,345 \$38,672 3.6% \$28,801 \$37,871 \$34,652 \$41,183 n/a \$20,800 \$32,541 \$31,747 \$38,916 -9.4% \$37,764 \$47,783 \$47,062 \$62,983 -9.6% \$38,620 \$52,733 \$50,055 \$65,033	n/a n/a n/a n/a 6 9 9 14 n/a n/a 6 4 13 14	n/a n/a n/a n/a 0 15 1 24 n/a n/a -1 9 -4 23	High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent	None None None None None None	Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training	3 3 3 3 3 3 3 3 3 3 3 3 3	3 4 3 3 3 4 4	4 4 4 4 3 4	4 4 3 4 3 4	4 4 4 4 3 4
C NOW 43-5053 Postal Service Mail Sorters, Processors, and Processing Machine Ope C+ NEXT 43-5061 Production, Planning, and Expediting Clerks C NOW 43-5071 Shipping, Receiving, and Traffic Clerks B NOW 43-5111 Weighers, Measurers, Checkers, and Samplers, Recordkeeping C NEXT 43-6011 Executive Secretaries and Executive Administrative Assistants D NEXT 43-6012 Legal Secretaries C NEXT 43-6013 Medical Secretaries	35 30 278 28 973 920 n/a n/a 439 35: 91 76 608 590	-53 n/a 2 -87 -15	-14.3% \$45,238 \$55,673 \$62,987 \$62,996 3.2% \$33,420 \$45,619 \$41,481 \$58,520 -5.5% \$24,919 \$32,737 \$30,996 \$38,718 n/a n/a n/a n/a n/a -19.8% \$39,928 \$57,522 \$52,990 \$69,431 -16.5% \$32,058 \$38,197 \$37,419 \$43,889 -2.0% \$27,367 \$32,829 \$31,087 \$37,484	2 1 10 18 35 56 n/a n/a 20 22 4 5 31 34	0 3 1 29 -5 86 n/a n/a -9 33 -2 7 -1 64	High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent	None None None None Less than 5 years None None	Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training None Moderate-term on-the-job training Moderate-term on-the-job training	3 3 4 3 3 3 3 3 4 4 4 4 3 3 3	3 3 3 3 5 4	3 4 4 3 4 5	3 3 3 3 5 4	3 4 4 4 4 5
C+ NOW 43-6014 Secretaries and Administrative Assistants, Except Legal, Medical, and F NOW 43-9021 Data Entry Keyers F NOW 43-9022 Word Processors and Typists B NEXT 43-9041 Insurance Claims and Policy Processing Clerks D NOW 43-9051 Mail Clerks and Mail Machine Operators, Except Postal Service B NOW 43-9061 Office Clerks, General F NOW 43-9071 Office Machine Operators, Except Computer B LATER 43-9081 Proofreaders and Copy Markers	2,911 2,56 97 73 n/a n/a 281 32 70 60 3,291 3,17 n/a n/a n/a n/a	-24 n/a 7 46 -10 9 -112 n/a	-24.7% \$24,351 \$30,393 \$30,168 \$36,636 n/a n/a n/a n/a n/a n/a 16.4% \$31,993 \$40,602 \$37,435 \$45,659 -14.3% \$25,753 \$29,366 \$29,153 \$32,552	139 153 4 5 n/a n/a 11 18 3 4 176 192 n/a n/a n/a	-34 258 -2 7 n/a n/a 5 34 -1 6 -11 357 n/a n/a n/a n/a	High school diploma or equivalent	None None None None None None None	Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training None	3 3 3 3 3 3 3 3 3 3 5 5 5	3 4 4 3 3 3	4 3 4 4 3 4 4	3 4 4 3 3 3 3 5	4 4 4 3 4 4 5
D NOW 43-9199 Office and Administrative Support Workers, All Other 45-0000 Farming, Fishing, and Forestry Occupations C+ NEXT 45-1011 First-Line Supervisors of Farming, Fishing, and Forestry Workers D LATER 45-2011 Agricultural Inspectors n/a NOW 45-2021 Animal Breeders D NOW 45-2041 Graders and Sorters, Agricultural Products	n/a n/a 3,564 3,71 169 18: n/a n/a n/a n/a n/a n/a	1 147 1 12 1 n/a 1 n/a 1 n/a	7.1% \$38,624 \$48,964 \$48,207 \$57,913 n/a	n/a n/a 152 413 6 18 n/a n/a n/a n/a n/a n/a	n/a n/a 15 580 1 25 n/a n/a n/a n/a n/a n/a	High school diploma or equivalent Bachelor's degree High school diploma or equivalent No formal educational credential	None Less than 5 years None None None	None Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training	3 4 4 4 5 5 3 4 3 3	3 5 3 3	3 5 5 3 3	3 5 4 3	5 4 3 3
B NEXT 45-2091 Agricultural Equipment Operators B NOW 45-2092 Farmworkers and Laborers, Crop, Nursery, and Greenhouse C NOW 45-2093 Farmworkers, Farm, Ranch, and Aquacultural Animals C NOW 45-2099 Agricultural Workers, All Other D NEXT 45-4011 Forest and Conservation Workers n/a NEXT 45-4021 Fallers C NEXT 45-4022 Logging Equipment Operators C NEXT 45-4023 Log Graders and Scalers	n/a n/a n/a n/a n/a 348 333 n/a	n/a 2 -16 n/a n/a n/a n/a n/a	n/a \$27,685 \$34,464 \$30,916 \$39,223 n/a \$23,195 \$31,937 \$27,337 \$34,352 -4.6% \$19,705 \$26,507 \$22,071 \$30,894 n/a n/a n/a n/a n/a n/a n/a \$27,839 \$31,786 \$30,077 \$35,565 n/a	n/a n/a n/a n/a 14 39 n/a	n/a n/a n/a n/a -2 51 n/a		None None None None None None None	Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training	3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 3 3 4 3 3 3	3 3 3 5 3 3 3	3 3 3 4 3 3 3	3 3 3 4 4 4 4
n/a NEXT 45-4029 Logging Workers, All Other 47-0000 Construction and Extraction Occupations B NEXT 47-1011 First-Line Supervisors of Construction Trades and Extraction Worker C NEXT 47-2011 Boilermakers C+ NEXT 47-2021 Brickmasons and Blockmasons C+ NEXT 47-2022 Stonemasons	n/a n/a 5,640 5,88 n/a n/a n/a n/a 128 119 n/a n/a	241 n n/a n n/a n/a -9 n n/a	n/a \$53,285 \$64,093 \$63,671 \$76,474 n/a n/a n/a n/a n/a -7.0% \$68,076 \$71,138 \$73,722 \$79,287 n/a n/a n/a n/a n/a	n/a n/a 174 395 n/a n/a n/a n/a 4 8 n/a n/a	n/a n/a 24 593 n/a n/a n/a n/a -1 11 n/a n/a	High school diploma or equivalent	None 5 years or more None None None	None Apprenticeship Apprenticeship Apprenticeship	3 3 4 3 4 3 4 4 3 4	3 4 3 3 3	3 5 3 4	3 4 3 3	4 3 4 4
C+ NEXT 47-2031 Carpenters C NOW 47-2041 Carpet Installers B NEXT 47-2042 Floor Layers, Except Carpet, Wood, and Hard Tiles B NEXT 47-2044 Tile and Marble Setters C NEXT 47-2051 Cement Masons and Concrete Finishers B+ NOW 47-2061 Construction Laborers C+ NEXT 47-2071 Paving, Surfacing, and Tamping Equipment Operators B NEXT 47-2073 Operating Engineers and Other Construction Equipment Operators	767 753 n/a n/3 n/a n/3 n/a n/3 115 114 1,214 1,30 n/a n/3 365 393	n/a n/a n/a n/a -1 1 87 n/a	-2.0% \$36,818 \$50,965 \$50,451 \$61,193 n/a -0.9% \$36,098 \$48,808 \$46,611 \$60,285 7.2% \$28,774 \$39,167 \$36,331 \$45,573 n/a n/a n/a n/a n/a 7.4% \$35,529 \$51,354 \$46,250 \$63,657	22 47 n/a n/a n/a n/a n/a n/a n/a 3 8 37 85 n/a n/a 12 27	-2 67 n/a n/a n/a n/a n/a n/a n/a n/a 0 11 9 131 n/a n/a	No formal educational credential No formal educational credential No formal educational credential No formal educational credential	None None None None None None None	Apprenticeship Short-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training	3 4 4 4 5 5 4 4 5 5 3 3 3 3	3 4 3 4 3 3	4 4 4 4 4 4	3 4 5 4 4 3 3	4 4 5 4 4 4
C NEXT 47-2081 Drywall and Ceiling Tile Installers C NEXT 47-2082 Tapers B NEXT 47-2111 Electricians C+ NEXT 47-2121 Glaziers C NOW 47-2131 Insulation Workers, Floor, Ceiling, and Wall C+ NEXT 47-2141 Painters, Construction and Maintenance C+ NEXT 47-2152 Plumbers, Pipefitters, and Steamfitters	n/a n/a n/a n/a 523 550 n/a n/a n/a n/a 218 228 244 253	n/a n/a n/a 33 n/a n/a n/a	n/a \$34,804 \$38,862 \$38,161 \$43,694 n/a n/a n/a n/a n/a n/a 6.3% \$41,891 \$54,965 \$53,301 \$64,779 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a 4.6% \$29,530 \$40,782 \$37,693 \$49,350 3.3% \$29,756 \$45,264 \$42,281 \$58,694	n/a n/a n/a n/a 16 40 n/a n/a n/a n/a 7 12 7 18	n/a n/a n/a n/a 3 59 n/a n/a n/a n/a 1 20 1 26	No formal educational credential No formal educational credential High school diploma or equivalent	None None None None None None None None	Moderate-term on-the-job training Moderate-term on-the-job training Apprenticeship Apprenticeship Short-term on-the-job training Moderate-term on-the-job training Apprenticeship	3 4 3 3 3 4 3 3 3 3 3 3 3 4	3 3 3 3 4 3	4 3 5 3 3 4 4	3 3 3 3 4 3	4 3 5 3 3 4 4
B NEXT 47-2161 Plasterers and Stucco Masons C+ NEXT 47-2181 Roofers B NEXT 47-2211 Sheet Metal Workers C+ NEXT 47-2221 Structural Iron and Steel Workers C NOW 47-3011 HelpersBrickmasons, Blockmasons, Stonemasons, and Tile and Mac C NOW 47-3013 HelpersElectricians C NOW 47-3019 Helpers, Construction Trades, All Other	n/a n/a 99 103 151 155 78 81 n/a n/a 39 40 n/a n/a	3 4 3 n/a 1 n/a	n/a n/a n/a n/a n/a n/a 4.0% \$32,267 \$36,585 \$36,404 \$40,217 2.7% \$35,347 \$62,881 \$61,181 \$92,025 3.9% \$42,556 \$49,805 \$51,172 \$58,177 n/a n/a n/a n/a n/a n/a 2.6% \$27,322 \$31,276 \$29,918 \$33,688 n/a n/a n/a n/a n/a	n/a n/a 2 7 4 10 2 6 n/a n/a 1 4 n/a n/a	n/a n/a 0 9 0 14 0 8 n/a n/a 0 5 n/a n/a	No formal educational credential High school diploma or equivalent High school diploma or equivalent No formal educational credential High school diploma or equivalent No formal educational credential	None None None None None None	Long-term on-the-job training Moderate-term on-the-job training Apprenticeship Apprenticeship Short-term on-the-job training Short-term on-the-job training Short-term on-the-job training	3 4 3 3 4 3 3 3 3 3 3 3	3 3 3 3 4 3	4 3 4 3 3 4 4	3 3 3 4 3	3 4 3 4 3 4
C NEXT 47-4011 Construction and Building Inspectors C NEXT 47-4021 Elevator Installers and Repairers C+ NEXT 47-4031 Fence Erectors C+ NEXT 47-4051 Highway Maintenance Workers n/a NEXT 47-4061 Rail-Track Laying and Maintenance Equipment Operators C NEXT 47-4071 Septic Tank Servicers and Sewer Pipe Cleaners C+ NEXT 47-4090 Miscellaneous Construction and Related Workers B+ NEXT 47-5012 Rotary Drill Operators, Oil and Gas	87 75 n/a n/a n/a n/a 293 299 n/a n/a 48 49 n/a n/a	•	-13.8% \$45,490 \$50,490 \$51,026 \$56,028 n/a 2.1% \$32,832 \$35,994 \$35,743 \$38,132 n/a n/a n/a n/a n/a 2.1% \$32,947 \$40,448 \$38,146 \$52,456 n/a n/a n/a n/a n/a n/a n/a n/a n/a	4 5 n/a n/a n/a n/a 12 19 n/a n/a 2 4 n/a n/a n/a	-1 8 n/a n/a n/a n/a 1 32 n/a n/a 0 6 n/a n/a n/a n/a	High school diploma or equivalent	5 years or more None None None None None None	Moderate-term on-the-job training Apprenticeship Moderate-term on-the-job training	5	5 4 3 4 4 4 4	5 4 4 4 4 4	4 4 3 3 4 3	4 4 3 3 4 3
B NEXT 47-5022 Excavating and Loading Machine and Dragline Operators, Surface M B+ NEXT 47-5041 Continuous Mining Machine Operators C NEXT 47-5043 Roof Bolters, Mining D NOW 47-5044 Loading and Moving Machine Operators, Underground Mining C+ NOW 47-5051 Rock Splitters, Quarry C+ NEXT 47-5081 HelpersExtraction Workers B NEXT 47-5097 Earth Drillers, Except Oil and Gas; and Explosives Workers, Ordnanc	179 199 n/a 107 11	n/a n/a n/a n/a n/a n/a	11.2% \$37,935 \$45,475 \$45,115 \$51,353 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a solution n/a 9.4% \$31,116 \$44,650 \$40,201 \$58,393	6 16 n/a 10	2 24 n/a 1 15	High school diploma or equivalent No formal educational credential High school diploma or equivalent No formal educational credential No formal educational credential High school diploma or equivalent High school diploma or equivalent	Less than 5 years None None None None None Less than 5 years	Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training	3 3 3 3 3 6 6 6 3 3 3 3 3 3 3 3 3	3 4 4 6 3 4 3	4 4 4 6 4 4	3 4 4 6 3 3 3	4 4 4 6 4 3 4
B NEXT 47-5098 Underground Mining Machine Operators and Extraction Workers, A 49-0000 Installation, Maintenance, and Repair Occupations B NEXT 49-1011 First-Line Supervisors of Mechanics, Installers, and Repairers D NEXT 49-2011 Computer, Automated Teller, and Office Machine Repairers B NEXT 49-2021 Radio, Cellular, and Tower Equipment Installers and Repairers C+ NEXT 49-2022 Telecommunications Equipment Installers and Repairers, Except Lin C+ NEXT 49-2091 Avionics Technicians	n/a n/a 6,754 7,05 581 595 n/a n/a n/a n/a 165 165 n/a n/a	7 303 5 14 n n/a	n/a n/a n/a n/a 4.5% \$31,419 \$45,133 \$40,921 \$56,934 2.4% \$39,001 \$54,072 \$50,808 \$65,923 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a -1.8% \$30,943 \$55,433 \$59,727 \$76,569 n/a n/a n/a n/a	n/a n/a 212 438 17 35 n/a n/a n/a 6 12 n/a n/a	n/a n/a 30 680 1 53 n/a n/a n/a n/a 0 18 n/a n/a	High school diploma or equivalent Some college, no degree	None Less than 5 years None None None None None	None Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training None	3 4 5 5 3 4 3 4 3 4	3 5 3 3	8 5 5 4 4 4	8 3 5 4 4 4	5 5 4 4 5
n/a NEXT 49-2093 Electrical and Electronics Installers and Repairers, Transportation Ec C NEXT 49-2094 Electrical and Electronics Repairers, Commercial and Industrial Equi B NEXT 49-2095 Electrical and Electronics Repairers, Powerhouse, Substation, and Re D NEXT 49-2096 Electronic Equipment Installers and Repairers, Motor Vehicles C NEXT 49-2097 Electronic Home Entertainment Equipment Installers and Repairers C NEXT 49-3011 Aircraft Mechanics and Service Technicians B NEXT 49-3021 Automotive Body and Related Repairers	n/a 44 43 143	n/a n/a n/a n/a n/a -1	n/a -2.3% \$38,503 \$52,236 \$48,037 \$69,970 7.7% \$41,563 \$53,487 \$52,251 \$62,780	n/a 1 2 5 9	n/a 1 15	Postsecondary non-degree award High school diploma or equivalent	None None Less than 5 years None None None None	Long-term on-the-job training Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training None Long-term on-the-job training	3 3 4 4 4 3 3 3 3 3 3 3 3 3 3 4 3 3 3 3	3 4 3 4 3 3	3 5 4 4 4 5	4 3 4 3 4 4 3	5 4 4 4 4 5 3
B NEXT 49-3022 Automotive Glass Installers and Repairers B NEXT 49-3023 Automotive Service Technicians and Mechanics B NEXT 49-3031 Bus and Truck Mechanics and Diesel Engine Specialists B NEXT 49-3041 Farm Equipment Mechanics and Service Technicians B+ NEXT 49-3042 Mobile Heavy Equipment Mechanics, Except Engines n/a NEXT 49-3043 Rail Car Repairers D NEXT 49-3051 Motorboat Mechanics and Service Technicians C+ NEXT 49-3052 Motorcycle Mechanics	n/a n/a 1,037 1,03 593 620 n/a n/a 237 273 n/a n/a n/a n/a n/a n/a	4 -3) 27 n n/a 2 35 n n/a	n/a n/a n/a n/a n/a n/a -0.3% \$26,797 \$37,421 \$34,073 \$44,643 4.6% \$25,762 \$42,548 \$37,680 \$57,855 n/a \$29,802 \$40,000 \$42,464 \$49,086 14.8% \$49,276 \$55,875 \$58,370 \$64,228 n/a	11/a 11/a 31 70 17 38 n/a n/a 8 17 n/a n/a n/a n/a n/a	n/a n/a 0 101 3 58 n/a n/a 4 29 n/a n/a n/a n/a	High school diploma or equivalent	None None None None None None None	Moderate-term on-the-job training Short-term on-the-job training Long-term on-the-job training Long-term on-the-job training Long-term on-the-job training Long-term on-the-job training Short-term on-the-job training	3 4 3 3 3 3 3 3 3 4 3 3 3 4	3 3 3 3 3 4 4	4 4 3 3 4 4	3 3 4 3 4 4 4	4 4 4 4 3 4 4
C NEXT 49-3053 Outdoor Power Equipment and Other Small Engine Mechanics B NEXT 49-3092 Recreational Vehicle Service Technicians C NOW 49-3093 Tire Repairers and Changers C+ NEXT 49-9011 Mechanical Door Repairers C+ NEXT 49-9012 Control and Valve Installers and Repairers, Except Mechanical Door C+ NEXT 49-9021 Heating, Air Conditioning, and Refrigeration Mechanics and Installer C+ NEXT 49-9031 Home Appliance Repairers	n/a n/a n/a n/a n/a n/a n/a 31 35 n/a n/a 254 266 n/a n/a	5 12 n/a	n/a \$33,685 \$37,671 \$37,344 \$41,294 n/a n/a n/a n/a n/a n/a \$30,261 \$34,605 \$35,520 \$39,486 12.9% \$29,435 \$36,093 \$34,585 \$43,131 n/a n/a n/a n/a n/a 4.7% \$35,347 \$44,764 \$40,339 \$51,804 n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a 1 2 n/a n/a 7 18 n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a 0 3 n/a n/a 1 26 n/a n/a	High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent	None None None None None None	Moderate-term on-the-job training Long-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Moderate-term on-the-job training	3 3 4 3 3 3 3 4 3 4 4	3 4 3 4 3 3 3	3 4 3 4 3 4	4 4 3 4 3 3 3	4 4 4 4 4 4
B+ NEXT 49-9041 Industrial Machinery Mechanics C NEXT 49-9043 Maintenance Workers, Machinery C+ NEXT 49-9044 Millwrights B NEXT 49-9051 Electrical Power-Line Installers and Repairers B NEXT 49-9052 Telecommunications Line Installers and Repairers C NEXT 49-9062 Medical Equipment Repairers C NEXT 49-9063 Musical Instrument Repairers and Tuners B NEXT 49-9071 Maintenance and Repair Workers, General	486 594 46 47 42 44 471 479 n/a n/a 41 40 n/a n/a 1,561 1,61	1 2 8 n n/a -1 n/a	22.2% \$37,679 \$48,456 \$46,915 \$58,481 2.2% \$38,812 \$48,858 \$49,323 \$58,547 4.8% \$46,114 \$52,504 \$53,887 \$60,844 1.7% \$52,927 \$64,985 \$69,132 \$78,895 n/a \$69,977 \$70,275 \$76,346 \$82,714 -2.4% \$43,812 \$52,039 \$52,338 \$61,247 n/a n/a n/a n/a n/a 3.2% \$28,597 \$37,838 \$35,745 \$46,305	17 29 2 2 1 2 9 32 n/a n/a 2 2 n/a n/a 56 92	11 57 0 4 0 3 1 42 n/a n/a 0 4 n/a n/a 5 153	High school diploma or equivalent Associate degree High school diploma or equivalent High school diploma or equivalent	None None None None None None None	Long-term on-the-job training Long-term on-the-job training Apprenticeship Long-term on-the-job training Long-term on-the-job training Moderate-term on-the-job training Apprenticeship Moderate-term on-the-job training	3 4 3 4 3 3 3 4 4 4 4 3 A	3 3 3 3 4 4 4	4 4 4 4 5 4	3 3 3 3 3 4 3	4 4 4 4 4 4 4
C+ NOW 49-9091 Coin, Vending, and Amusement Machine Servicers and Repairers B NEXT 49-9092 Commercial Divers D NEXT 49-9094 Locksmiths and Safe Repairers C NEXT 49-9096 Riggers n/a NEXT 49-9097 Signal and Track Switch Repairers C NOW 49-9098 HelpersInstallation, Maintenance, and Repair Workers C+ NEXT 49-9099 Installation, Maintenance, and Repair Workers, All Other	n/a 206 225	n/a n/a n/a n/a n/a n/a	n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a 2 24	High school diploma or equivalent Postsecondary non-degree award High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent	None None None None None None None None	Short-term on-the-job training Moderate-term on-the-job training Long-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training Short-term on-the-job training Moderate-term on-the-job training	3 4 4 4 3 4 3 4 3 3 3 4 6 8	3 4 3 3 3 3 6	4 4 4 3 3 4 6	4 4 4 3 3 3 6	4 4 4 3 3 4 8
S1-0000 Production Occupations B+ NEXT 51-1011 First-Line Supervisors of Production and Operating Workers C NEXT 51-2021 Coil Winders, Tapers, and Finishers C NEXT 51-2028 Electrical, Electronic, and Electromechanical Assemblers, Except Coil C NEXT 51-2031 Engine and Other Machine Assemblers	13,906 13,9 1,083 1,10 n/a n/a 59 63 n/a n/a	4 21 n n/a 4	0.2% \$29,122 \$40,254 \$37,493 \$49,433 1.9% \$42,078 \$54,656 \$52,462 \$65,456 n/a n/a n/a n/a 6.8% \$23,639 \$29,051 \$27,968 \$33,639 n/a n/a n/a n/a	507 977 33 74 n/a n/a 2 4 n/a n/a	3 1,48 2 109 n/a n/a 0 6 n/a n/a	High school diploma or equivalent High school diploma or equivalent High school diploma or equivalent	Less than 5 years None None None	None Moderate-term on-the-job training Moderate-term on-the-job training Moderate-term on-the-job training	3 4 3 3 3 3 3 3	3 3 3 3	4 4 3 3	3 3 3 3	4 4 4 4

Core

Core

D	NEXT	51-2041	Structural Metal Fabricators and Fitters	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
D	NEXT	51-2051	Fiberglass Laminators and Fabricators	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	3
С	NEXT	51-2090	Miscellaneous Assemblers and Fabricators	1,148	1,027	-121	-10.5%	\$27,659 \$33,742 \$34,2	\$39,041	42	78	-12	108	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	3
С	NEXT	51-3011		n/a	n/a	n/a	n/a	\$20,222 \$24,325 \$22,6		n/a	n/a	n/a	n/a	No formal educational credential	None	Long-term on-the-job training	3	3	3	3	3	4
D	NEXT		Butchers and Meat Cutters	91	81	-10	-11.0%	\$20,386 \$25,023 \$23,8		4	6	-1	9	No formal educational credential	None	Long-term on-the-job training	3	4	3	4	3	4
D	NOW		Meat, Poultry, and Fish Cutters and Trimmers	116	110	-6	-5.2%	\$31,702 \$33,683 \$35,0	7 \$38,112	5	8	-1	12	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	3	3
D	NOW		Slaughterers and Meat Packers	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	3	3
C	NEXT		Food and Tobacco Roasting, Baking, and Drying Machine Operators Food Batchmakers	n/a 140	n/a 127	n/a	n/a 2.10/	n/a n/a n/a	n/a 39 \$62,737	n/a e	n/a 10	n/a	n/a 16	No formal educational credential	None	Moderate term on the job training	3	3	3	3	პ ი	4
C+	NEXT NEXT		Food Cooking Machine Operators and Tenders	140 n/a	137 n/a	-s n/a	-2.1% n/a	\$31,436 \$45,854 \$39,1 n/a n/a n/a	19 302,/3/ n/a	n/a	n/a	n/a	16 n/a	High school diploma or equivalent High school diploma or equivalent	None None	Moderate-term on-the-job training Moderate-term on-the-job training	3 3	3	3 2	5 Л	3 2	4 1
D	NEXT		Food Processing Workers, All Other	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training	3	3	3	3	3	4
C+	NEXT		Extruding and Drawing Machine Setters, Operators, and Tenders, M	211	222	11	5.2%	\$32,509 \$37,413 \$37,0	'6 \$42,677	8	13	1	22	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
D	NEXT		Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	n/a	n/a	n/a	n/a	\$29,889 \$42,704 \$44,8		n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	4	3	4
С	NEXT		Cutting, Punching, and Press Machine Setters, Operators, and Tende	326	293	-33	-10.1%	\$31,299 \$35,321 \$35,6	. ,	10	21	<i>-</i> 3	28	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
F	NEXT	51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, N	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	4	4
D	NEXT	51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Oper	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
D	NEXT	51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, N	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	4	4	4
D	NEXT	51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
С	NEXT		Machinists	182	167	-15	-8.2%	\$34,590 \$44,648 \$40,0	3 \$51,465	6	12	-2	16	High school diploma or equivalent	None	Long-term on-the-job training	3	4	3	4	3	4
С	NEXT		Metal-Refining Furnace Operators and Tenders	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
С	NEXT		Pourers and Casters, Metal	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
D	NEXT		Foundry Mold and Coremakers	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	3
В	NEXT		Molding, Coremaking, and Casting Machine Setters, Operators, and	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
C .	NEXT		Multiple Machine Tool Setters, Operators, and Tenders, Metal and F Tool and Die Makers	413	401	-12	-2.9%	\$26,560 \$37,035 \$37,0		13	28	-1	40	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
C+ p	NEXT NEXT		Welders, Cutters, Solderers, and Brazers	00 072	00	-29	0.0% -3.0%	\$41,960 \$54,505 \$52,3 \$30,524 \$40,633 \$38,0		2 25	4 76	_2	08	Postsecondary non-degree award High school diploma or equivalent	None None	Long-term on-the-job training Moderate-term on-the-job training	2	4	2	4	2	4
D	NEXT		Welding, Soldering, and Brazing Machine Setters, Operators, and Te	n/a	n/a	n/a	-5.0% n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	Δ	3	4
C	NEXT		Heat Treating Equipment Setters, Operators, and Tenders, Metal an	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
C	NEXT		Layout Workers, Metal and Plastic	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	4	3	4
С	NEXT		Plating and Coating Machine Setters, Operators, and Tenders, Meta	160	160	0	0.0%	\$30,001 \$35,621 \$35,2	.6 \$39,816	5	11	0	16	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
С	NEXT		Tool Grinders, Filers, and Sharpeners	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	4	4	3	3	3	4
С	NEXT	51-4199	Metal Workers and Plastic Workers, All Other	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
C+	NEXT	51-5111	Prepress Technicians and Workers	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	Postsecondary non-degree award	None	None	3	3	3	3	4	4
C	NEXT		Printing Press Operators	170	164	-6	-3.5%	\$29,717 \$38,828 \$37,3	'4 \$47,441 ,	6	12	-1	17	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
F C	NEXT		Print Binding and Finishing Workers	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
D	NOW		Laundry and Dry-Cleaning Workers Proceeds Toytile Garment and Polated Materials	19b 27	195	-1 -	-0.5% -16.2%	\$19,991 \$22,932 \$20,8		13	13	U	26	No formal educational credential	None	Short-term on-the-job training	3 1	3 1	3	3 1	3 1	3 1
r	NOW NOW		Pressers, Textile, Garment, and Related Materials Sewing Machine Operators	5/ n/a	51 n/a	-b n/s	-10.2%	\$20,299 \$23,129 \$22,3 \$21,673 \$25,154 \$23,7		2 n/a	2 n/a	-1 n/a	3 n/a	No formal educational credential No formal educational credential	None None	Short-term on-the-job training Short-term on-the-job training	4 2	4 2	4 2	4	4 2	4 2
F	NOW NEXT		Shoe and Leather Workers and Repairers	11/a n/a	11/ a n/a	n/a n/a	11/d n/a	n/a n/a n/a n/a	42/,141 ر. n/ء	11/d n/a	n/a n/a	n/a n/a	11/d n/a	No formal educational credential High school diploma or equivalent	None None	Moderate-term on-the-job training	3	3	ა ვ	3	3	3 3
C	NEXT		Sewers, Hand	, a n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training	3	3	3	3	4	4
D	NEXT		Tailors, Dressmakers, and Custom Sewers	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training	3	3	3	3	4	4
С	NEXT		Textile Cutting Machine Setters, Operators, and Tenders	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
В	NEXT	51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operat	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
D	NOW		Textile, Apparel, and Furnishings Workers, All Other	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	3	3	3
B+	NEXT	51-7011	Cabinetmakers and Bench Carpenters	n/a	n/a	n/a	n/a	\$26,232 \$31,886 \$30,7	\$36,999	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	4	3	4
D	NOW		Furniture Finishers	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	3	3	3
C	NEXT		Sawing Machine Setters, Operators, and Tenders, Wood	132	139	7	5.3%	\$23,537 \$33,985 \$30,8		5	10	1	16	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	3
A	NEXT		Woodworking Machine Setters, Operators, and Tenders, Except Sav	698	898 n/a	200	28.7%	\$26,229 \$30,095 \$29,3	51 \$32,644	24	58 n/a	20	102	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	3	3	3
C+	NEXT NEXT		Power Distributors and Dispatchers Power Plant Operators	n/a	II/d n/a	n/a n/a	n/a	n/a n/a n/a n/a n/a n/a	n/a	11/d n/a	n/a n/a	n/a n/a	n/a n/a	High school diploma or equivalent High school diploma or equivalent	None None	Long-term on-the-job training Long-term on-the-job training	3	4	3	4 5	3	4 5
C	NEXT		Stationary Engineers and Boiler Operators	38	37	-1	-2.6%	\$35,199 \$40,136 \$39,2	, -	2	3	0	5	High school diploma or equivalent	None	Long-term on-the-job training	3	4	3	4	3	4
C	NEXT		Water and Wastewater Treatment Plant and System Operators	193	180	-13	-6.7%	\$36,181 \$43,251 \$42,0		5	12	-1	16	High school diploma or equivalent	None	Long-term on-the-job training	3	4	3	4	3	4
B+	NEXT		Gas Plant Operators	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training	3	4	3	4	3	4
В	NEXT	51-8093	Petroleum Pump System Operators, Refinery Operators, and Gauge	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	4	4	4
C+	NEXT		Plant and System Operators, All Other	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	4	3	4
В	NEXT		Chemical Equipment Operators and Tenders	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	4	3	4
C+ C+	NEXT NEXT		Separating, Filtering, Clarifying, Precipitating, and Still Machine Sette Crushing, Grinding, and Polishing Machine Setters, Operators, and T	139 77	140 75	-2	0.7% -2.6%	\$35,040 \$46,815 \$46,8 \$36,075 \$56,160 \$58,0		3	6	0	9	High school diploma or equivalent High school diploma or equivalent	None None	Moderate-term on-the-job training Moderate-term on-the-job training	3	3	3	3	3	4
D	NEXT		Grinding and Polishing Workers, Hand	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training	3	3	3	3	3	4
В	NEXT	51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	272	288	16	5.9%	\$34,784 \$44,094 \$44,3	\$51,954	10	21	2	33	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
F	NOW		Cutters and Trimmers, Hand	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	3	4
C	NEXT		Cutting and Slicing Machine Setters, Operators, and Tenders	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
C	NEXT		Extruding, Forming, Pressing, and Compacting Machine Setters, Ope	61	64	3	4.9%	\$27,843 \$36,657 \$39,2		2	5	0	7	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
C+	NEXT NEXT		Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders Inspectors, Testers, Sorters, Samplers, and Weighers	38 710	38 653	0 -57	0.0% -8.0%	n/a n/a n/a \$34,119 \$42,387 \$39,9	n/a 57 \$49,303	1 26	2 5 <i>1</i>	-6	3 7/I	High school diploma or equivalent High school diploma or equivalent	None None	Moderate-term on-the-job training Moderate-term on-the-job training	3	3	3	3 1	პ 2	4
C+	NEXT		Jewelers and Precious Stone and Metal Workers	n/a	n/a	n/a	-0.0% n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training	3	3	3	3	3	4
В	NEXT		Dental Laboratory Technicians	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
С	NEXT		Medical Appliance Technicians	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	4	4	4	4
C+	NEXT	51-9083	Ophthalmic Laboratory Technicians	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	3
В	NEXT		Packaging and Filling Machine Operators and Tenders	784	827	43	5.5%	\$31,781 \$40,125 \$39,1	32 \$47,762	33	54	4	91	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
В	NEXT		Painting, Coating, and Decorating Workers	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training	3	3	3	3	3	4
B+	NEXT		Coating, Painting, and Spraying Machine Setters, Operators, and Ter Semiconductor Processors	285	351	66	23.2%	\$30,783 \$36,597 \$36,0		9	23	7	39 n/a	High school diploma or equivalent High school diploma or equivalent	None None	Moderate-term on-the-job training Moderate-term on-the-job training	ם כ	2	2	0	ם כ	8
n/a C	NEXT NEXT		Computer Numerically Controlled Tool Operators	11/ d n/a	11/a n/a	n/a n/a	n/a	n/a n/a n/a \$35,409 \$44,259 \$43,6	n/a '1 \$52,000	n/a	n/a n/a	n/a n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3 1	3	4 1	3	4 1
B+	NEXT		Computer Numerically Controlled Tool Programmers	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	Postsecondary non-degree award	None	Moderate-term on-the-job training	3	4	3	4	4	4
C	NEXT		Cleaning, Washing, and Metal Pickling Equipment Operators and Te	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	3
С	NEXT		Cooling and Freezing Equipment Operators and Tenders	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	3
D	NEXT	51-9194	Etchers and Engravers	n/a	n/a	n/a	n/a	\$27,167 \$30,141 \$29,9	\$33,581	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	3
В	NEXT	51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	503	548	45	9.0%	\$30,068 \$42,919 \$42,0	9 \$55,724	19	34	4	57	High school diploma or equivalent	None	Long-term on-the-job training	3	3	3	3	3	4
В	NEXT		Paper Goods Machine Setters, Operators, and Tenders	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
C+	NEXT		Tire Builders	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
D	NOW		HelpersProduction Workers Production Workers, All Other	222 388	193 384	-29	-13.1% -1.0%	\$26,983 \$32,322 \$31,2 \$19,962 \$25,917 \$20,3		10 13	20	-3 0	27 41	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	3	3	3
C	NEXT	21-9199	Production Workers, All Other	300	304	-4	-1.0%	\$19,962 \$25,917 \$20,3	329,130	15	20	U	41	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
		53-0000	Transportation and Material Moving Occupations	13,864	14,834	970	7.0%	\$22,696 \$35,246 \$29,9	9 \$40,721	667	1,094	97	1,858									
В	NEXT	53-1047	FirstLine Supervisors of Transportation & Material Moving Workers,	375	388	13	3.5%	\$36,666 \$52,687 \$49,8		14	26	1	41	High school diploma or equivalent	Less than 5 years	None	3	4	3	4	4	4
С	LATER		Airline Pilots, Copilots, and Flight Engineers	n/a ·	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training	5	5	6	6	5	6
C+	NEXT		Commercial Pilots	n/a	n/a	n/a	n/a	\$71,373 \$81,102 \$78,5		n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	5	5	6	6	5	6
C+	NEXT		Air Traffic Controllers	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	Associate degree	None	Long-term on-the-job training	4	5	6	6	5	6
Β± C	NEXT NOW		Airfield Operations Specialists Driver/Sales Workers	ชกก เเ/ส	וו/a סכם	n/a 127	⊓/a 15 00/	n/a n/a n/a \$20,230 \$26,691 \$21,9	n/a 54 \$29,812	n/a 35	n/a 59	n/a 13	11/a 107	High school diploma or equivalent	None None	Long-term on-the-job training	<u>ა</u>	4 2	4 2	5	5 ∕I	D A
o∓ B+	NOW NEXT		Driver/Sales Workers Heavy and Tractor-Trailer Truck Drivers	800 3,132	3.305	127 173	15.9% 5.5%	\$20,230 \$26,691 \$21,9 \$34,707 \$51.987 \$51.6	34 \$29,812 3 \$70,733	35 132	218	13 17	107 367	High school diploma or equivalent Postsecondary non-degree award	None None	Short-term on-the-job training Short-term on-the-job training	3	3	3	<i>3</i>	3	'+ Δ
Б+	NOW		Light Truck or Delivery Services Drivers	1,119	1,261	142	12.7%	\$24,005 \$32,722 \$29,7	. ,	49	81	14	144	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	3	3	3
C+	NEXT		Bus Drivers, Transit and Intercity	n/a	n/a	n/a	n/a	\$22,573 \$28,780 \$24,2		n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	3
B+	NOW		Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	1,153	1,281	128	11.1%	\$20,465 \$27,703 \$24,9		80	60	13	153	No formal educational credential	None	Short-term on-the-job training	3	3	4	4	3	3
С	NOW	53-3099	Motor Vehicle Operators, All Other	n/a	n/a	n/a	n/a	\$20,660 \$31,772 \$24,8	90 \$42,336	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	4	4
n/a	NEXT	53-4011	Locomotive Engineers	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	3	3	3	4	3	4
n/a	NEXT		Rail Yard Engineers, Dinkey Operators, and Hostlers	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
n/a	NEXT		Railroad Brake, Signal, and Switch Operators and Locomotive Firers	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate term on the job training	6	6	6	6	6	8
n/a D	NEXT NEXT		Railroad Conductors and Yardmasters Sailors and Marine Oilers	11/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	High school diploma or equivalent No formal educational credential	None None	Moderate-term on-the-job training Moderate-term on-the-job training	პ ვ	პ ვ	4 2	4	ა ვ	4 2
D C+	NEXT		Captains, Mates, and Pilots of Water Vessels	11/ a n/a	11/ a n/a	n/a n/a	11/d n/a	n/a n/a n/a \$70,830 \$76,646 \$76,9	n/a '8 \$83,125	n/a n/a	n/a n/a	n/a n/a	11/d n/a	Postsecondary non-degree award	None Less than 5 years	Mone	3	5 5	3	4	3	э Д
D	NOW		Parking Lot Attendants	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	, a n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training	3	3	4	4	4	4
С	NOW		Automotive and Watercraft Service Attendants	73	73	0	0.0%	\$24,111 \$32,707 \$31,1	,	3	6	0	9	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	3	3
С	NEXT	53-6041	Traffic Technicians	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	5	5	4	4	4	4
С	NEXT		Transportation Inspectors	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	3
C	NOW		Transportation Attendants, Except Flight Attendants	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a ,	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	3	4	4
C	NOW		Aircraft Service Attendants and Transportation Workers, All Other Conveyor Operators and Tenders	n/a n/a	n/a n/a	n/a n/a	n/a	n/a n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	High school diploma or equivalent No formal educational credential	None None	Short-term on-the-job training Short-term on-the-job training	პ ვ	პ ვ	პ ვ	<u>ა</u>	პ 2	3 1
D D	NOW NEXT		Conveyor Operators and Tenders Crane and Tower Operators	11/ d n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	n/a n/a	No formal educational credential High school diploma or equivalent	None Less than 5 years	Short-term on-the-job training Moderate-term on-the-job training	5 3	5 3	5 3	3	3 3	4 3
В	NEXT		Dredge Operators	n/a	n/a	n/a	, a n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
В	NOW		Industrial Truck and Tractor Operators	773	851	78	10.1%	\$25,772 \$34,550 \$32,7	, -	24	62	8	94	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	3	3
C+	NOW	53-7061	Cleaners of Vehicles and Equipment	326	347	21	6.4%	\$20,736 \$27,282 \$23,9	3 \$30,245	16	30	2	48	No formal educational credential	None	Short-term on-the-job training	3	3	3	4	3	3
В	NOW		Laborers and Freight, Stock, and Material Movers, Hand	1,796	1,871	75	4.2%	\$22,848 \$31,078 \$29,2		80	160	8	248	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	3	4
R	NOW		Machine Feeders and Offbearers Packers and Packagers Hand	115 605	139 618	24	20.9%	\$23,408 \$28,685 \$27,8		7	9	2	18	No formal educational credential	None	Short-term on-the-job training	3	3	3	4	3	4
C+ B	NOW NOW		Packers and Packagers, Hand Stockers and Order Fillers	605 2,484	618 2,646	13 162	2.2% 6.5%	\$27,223 \$31,536 \$31,1 \$20,801 \$26,297 \$24,0		35 146	50 250	16	δb <u>4</u> 12	No formal educational credential High school diploma or equivalent	None None	Short-term on-the-job training Short-term on-the-job training	ა ვ	ა ვ	ა ვ	5 3	3 3	4 2
C	NEXT		Pump Operators, Except Wellhead Pumpers	2,404 n/a	2,040 n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
C+	NOW		Refuse and Recyclable Material Collectors	179	192	13	7.3%	\$26,305 \$33,289 \$31,2	•	8	17	1	26	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	3	3
D	NOW		Tank Car, Truck, and Ship Loaders	n/a	n/a	n/a	n/a	\$37,994 \$47,116 \$46,0	,	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training	3	3	3	4	3	4
С	NOW	53-7199	Material Moving Workers, All Other	n/a	n/a	n/a	n/a	n/a n/a n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	3	4
nis workfo	rce produc	t was funde	ed by a grant awarded by the U.S. Department of Labor's																			

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Notes

- 1. n/a = Data suppressed due to confidentiality or lack of statistically significant data.
- 2. Net Employment Change (Column G) is the difference in the number of jobs between the base and projected years.
- 3. Percent employment change (Column H) indicates how fast employment is expected to increase or decrease during the projection period.
- 4. Annual Exit Openings (Column M) are an estimate of the annual number of jobs that will arise from the need to replace workers who have left the workforce entirely.
- 5. Annual Transfer Openings (Column N) are an estimate of the annual number of jobs that will arise from the need to replace workers who have transferred to a different occupation
- 6. Annual Growth Openings (Column O) are the annual numeric change in employment.
- 7. Annual Total Openings (Column P) are the sum of exit, transfer, and growth openings.

Occupation Grade

The occupation grades, or "career grades", are based on a combination of total job openings, percent growth, and the average wages of an occupation. Occupations with the letter grade "A+" have the best outlook, while occupations with the letter grade "F" have the worst outlook. Grades in each region are determined by comparing only the occupations within that region.

STEM

Refers to Science, Technology, Engineering, and Math occupations. "Core" occupations are those that strictly use STEM skills. "Related" occupations are those that use related STEM skills.

N_N_L: "Now, Next, Later"

Now: Typically requires short-term on-the-job training, little to no experience, and/or a high school diploma

Next: Typically requires non-degree certificate, associate's degree, apprenticeship, some experience, or moderate- to long-term training

Later: Typically requires a bachelor's degree or higher

ACT WorkKeys Assessments

ACT WorkKeys® assessments measure foundational skills required for success in the workplace, and help measure the workplace skills that can affect job performance. Scores are provided for three different categories: Applied Math, Workplace Documents, and Graphic Literacy. Each assessment offers varying levels of difficulty. The levels build on each other, incorporating the skills assessed at the previous levels. For example, at Level 5, individuals need the skills from Levels 3, 4, and 5. The minimum and median score required for each occupation is shown, if available. For more information about WorkKeys skills, please visit the following website:

https://www.act.org/content/act/en/products-and-services/workkeys-for-employers/assessments.html